



ROOFING SUPPLIES

L.D.BERGER COMPANY
59 NORTH SECOND STREET
PHILADELPHIA

TINNERS' HARDWARE *and* ROOFING SUPPLIES

SHEET METAL GOODS
SHEET METAL PUNCHING AND STAMPING
WIRE SPECIALTIES
WIRE CUTTING AND STRAIGHTENING
ETC.



Copyright 1925, by
L. D. BERGER COMPANY

L. D. BERGER COMPANY

Established 1892

59 NORTH SECOND STREET
PHILADELPHIA

*Factory, 58-60-62 N. Mascher Street
Warehouse, 123-125 Cuthbert Street*

Terms

All prices are quoted subject to change without notice.

Net Cash: 30 days from date of invoice. 60-day trade acceptances—or 2% for cash if paid within 10 days, excepting as noted on bill.

We will gladly ship to new customers having good commercial rating, or furnishing satisfactory references.

No goods will be shipped C. O. D., or to our order with draft-bill-of-lading attached, unless part payment is made in advance to insure acceptance.

Our responsibility ceases as soon as goods are delivered in good order and condition at shipping point and a receipt taken for same. We, as senders, have no legal claim after goods are delivered to the carriers properly consigned, as the ownership has passed from us to the consignee.

All claims for errors must be made immediately upon receipt of goods.

No goods will be received by us unless we have been notified and have given our permission that same can be returned, and party returning must pay freight and drayage charges plus 10% for our cost of handling.

Bills not paid when due are subject to sight draft without further notice.

Interest at the rate of 6% per annum will be added to over-due accounts.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

How Do You Want Your Order Shipped?

Your order will be shipped any way you wish; express, parcel post, or freight. If you are in doubt as to the best way to have your order shipped, leave it to us and we will route it the way that costs least. Transportation is paid by the customer on all articles excepting those quoted prepaid or with freight allowance.

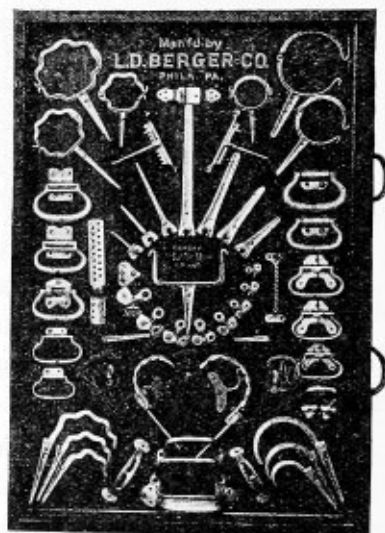
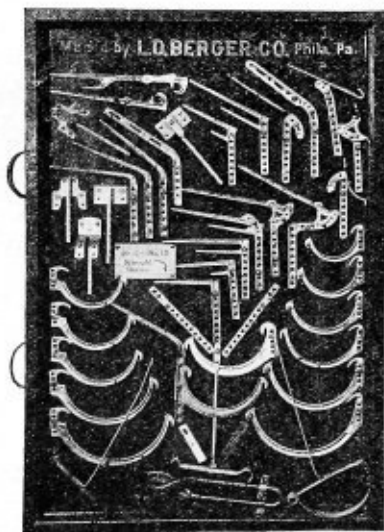
Policy

If dissatisfied with any article purchased from us, we expect you to tell us about it in order that we may have the chance to make any adjustment that seems advisable under the circumstances.

We try at all times to give prompt and efficient service. And we do not always consider a transaction entirely closed after a sale has been made. This is the policy of the L. D. Berger Company.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Eaves Trough Hangers

MANY years ago a well-known architect said he had reached the conclusion that hanging gutter is superior to trough built in the roof. He went on to say that trough built in the roof collects dead leaves along with other debris and—in accordance with the material used—is subject to the same decay as all styles of gutter.

When a leak occurs through trough built in the roof, as it inevitably does, it means that the roof is leaking and the woodwork beneath is likely to rot. When hanging gutter leaks, the water falls to the ground, the decayed part is immediately noticeable, and a new section may complete the repair which is easily and economically replaced.

Many architects consider it a mistake to give hanging gutter too much fall for drainage as it sometimes affects the appearance of a building. As a matter of fact, 5-inch gutter will carry water fifteen or twenty feet into a down-spout by means of a fall so slight that it is *not noticeable to the eye*.

Five-inch gutter is more widely used than any other size and in most cases is correct for proper drainage as *it can be hung well back under the eaves to catch all the drip*.

Naturally, the amount of water to be carried should be taken into consideration and if the surface of the roof is unusually large, larger gutter should be used.

After an L. D. B. Long Shank has been permanently attached to the eaves, there is possible an adjustment every eighth of an inch ranging $5\frac{1}{2}$ inches for rise and fall in the gutter, so that the matter of rise and fall can easily be carried out in accordance with the desire of the one in command of the work.

It is a noticeable fact that architects are now planning their buildings, wherever possible, for hanging gutter. With the use of L. D. B. Shanks and Circles the gutter is open, free to shrink and expand, without stems and crossbars to gather leaves and rubbish and stop the flow of water. Thus the gutter *lasts many years*, has the advantages of trough built in the roof and is *considerably more economical*.

Hangers Facts

The following are plain, established facts on our Hanger line; not what we think, imagine, or believe—or our opinion—but what is actually proven in the field by 35 years' service, and in the laboratory by impartial, unprejudiced, mechanical test.

Our entire line has been tested. Every piece is handled individually and carefully inspected before shipment. We endorse every piece with our own initials (L. D. B.).

The Strength Is Indicated by the Following:

An Architect designs his roof support to carry a load of snow of 30 pounds per square foot. There is one (1) Hanger for each square foot of Gutter when Hangers are spaced 2'-6".

We design our Hangers to carry an ultimate load as follows:

No. 10 Shank and Circle,	216 lbs.	(7 times as strong as the roof)
No. 12 " " "	180 "	(6 " " " " " " ")
5" Circle "Gem"	186 "	(6 " " " " " " ")
5" " Wrought	187 "	(6 " " " " " " ")

Even in Brass and Copper

No. 10 " " "	117 "	(4 " " " " " " ")
No. 12 " " "	104 "	(3 1/2 " " " " " " ")
5" Copper Circle	128 "	(4 " " " " " " ")
5" Brass " "	125 "	(4 " " " " " " ")

This strength is not due to **Unsightly Surplus Material**, but **Design**. Increased weight or size would accomplish no more. It would only make an eyesore for the householder by breaking the smooth, even line of the Gutter.

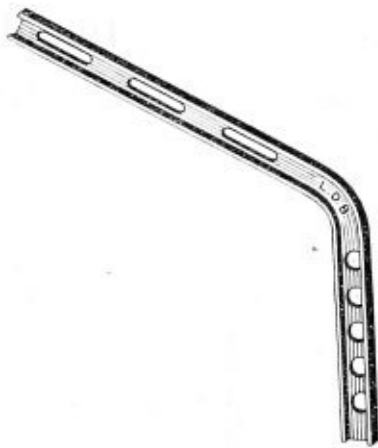
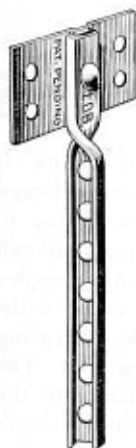
The T section, angle section and channel section used in L. D. B. Shanks and stamped Circles and Malleable Circles are standard structural steel shapes, used wherever heavy loads are carried.

Notice this in Steel Building Construction, Railroad Bridges and All-Steel Buildings.

**This is the Result of Tests Conducted by an
Official Testing Laboratory.**



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



A New Line of Solid Copper Hangers

We have recently perfected a Solid Copper Shank and Circle in the three popular types, No. 10, No. 11 and No. 12. These products have the same smooth finish that is one of the attractive features of Copper Pipe and Gutter. This finish has done much to popularize these products with the public.

In weathering, the same rich metallic-brown shade is secured that is present in the Copper Pipe and Gutter, making an even color harmony throughout the years.

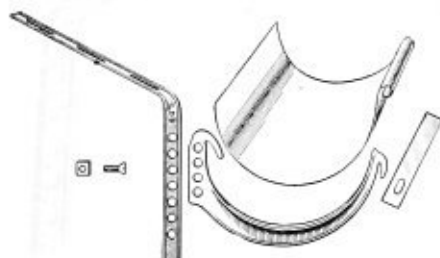
To this extent, as well as in strength and resistance to corrosion, the Copper Hangers are far superior to the Brass product which weathers a greenish tinge in contrast to the rich brown of the Gutter.

Use Copper Hangers on your next Copper job and note the satisfaction of your customer.



Installation

Illustration A shows the No. 12 Shank with a Gem Circle, nut, bolt, strap and a section of gutter.



This particular shank is fastened under slate or forced up under shingles. Owing to the slots at the top, a nail can be driven through the shingles and the opening found without difficulty, thus securing the shank to the roof. The circle is bolted firmly to the shank. The holes in the shank and circle are spaced differently so that by combining

one of the holes in each part a very fine adjustment may easily be made for rise or fall, thus giving the gutter the proper pitch for drainage after the shank has been permanently attached to the roof.

Illustration B shows the No. 12 Shank and a circle assembled and holding a section of gutter. The circle bolted firmly into the channel of the shank is immovable. The strap is hooked on the end of the circle and bent around the bead of the gutter where it should be tacked with solder. L. B. B. Straps are made of heavy gauge galvanized iron, and are stout enough under ordinary stress to hold the gutter down without solder.

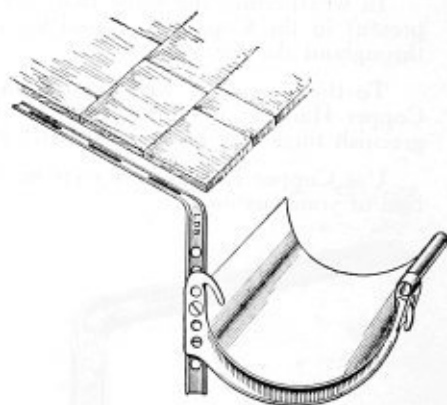


Illustration B merely outlines the parts assembled. Shanks are fastened to the eaves in various ways, but all circles are fastened to shanks in the manner described. Although it is not always done, hangers should be spaced every two feet along 5-inch galvanized, zinc or copper gutter. Galvanized circles should always be specified where zinc gutter is to be used.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Shanks

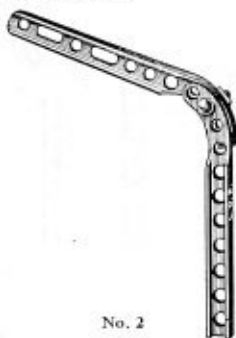
The following illustrations of shanks show the shanks only, and describe the style of eaves to which each can be suitably fastened. A circle is necessary with each shank. Circles are sold separately and sufficient nuts, bolts and straps are included with each package; they are listed on pages 15 and 16. Complete list prices of shanks on pages 14 and 16.

Unless otherwise specified these shanks are furnished 50 to the package in assorted lengths; assorted shanks means short, medium and long stems, the short being about $3\frac{1}{4}$ inches, medium about $4\frac{1}{4}$ inches, and long about 6 inches. This enables the roofer to make the most economical installation by starting with short and using the long stem only where the greatest fall in the gutter is desired.



No. 1

No. 1 is made to be clamped directly to a metal roof. It can be used on metal awnings and corrugated roofs, and needs but one bolt through the iron to fasten it securely. When large gutter is used, No. 16 Stem can be used with the top plate which will place the gutter 1 inch farther under the eaves and allow full projection for the drip.



No. 2

No. 2 can be nailed to the side of a rafter at the desired angle, as the hinge allows variations in the pitch. The No. 11 Wrought Shank has taken the place of this number.

See List Price on Page 14,



No. 5

No. 5 will span over various shaped moldings, and as it is made of malleable iron, it can be bent slightly, if necessary, before nailing to the eaves.



No. 6



No. 6A

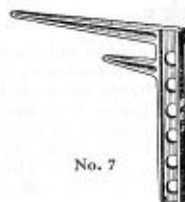


No. 6A Bent

No. 6 is made to nail against O. G. Moldings. The two stays fit in the cove. Both stem and plate are made of wrought iron, brass, or copper. Circle has use of entire channel, permitting wide range of adjustment. Patented September 19, 1922.

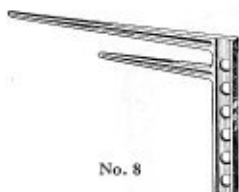
No. 6A is also made to nail against O. G. Moldings. Note how it may be adapted to a different style of eaves by bending with a wrench or other instrument without impairing the strength of the shank in any way. It is made entirely of wrought iron, brass, or copper. Strong, light and unbreakable. Same price as No. 6. Patented September 22, 1925.

No. 7 is made to drive from 3 to 4 inches into the cornice. The lower prong forms a brace for the upper, and makes it strong and firm.



No. 7

No. 8 is made to drive 3 to 6 in. square in the cornice. This shank is intended for eaves where the roof projects far over the cornice.



No. 8

No. 9 is made to drive with the pitch of the roof. Excepting that it is cast on an angle it is the same as No. 7. Can be suitably used on narrow molded cornice.



No. 9

No. 10 is made to nail against square box cornices. It is made entirely of wrought iron. Owing to the manner of fastening the stem to the plate, the circle has the use of the entire channel which permits a wider range of adjustment as to the rise and fall of gutter than the old style; the No. 6 shank has the same advantages. Very light and strong. Furnished in assorted lengths.



No. 10



No. 10 1/2

Patented September 19, 1922.

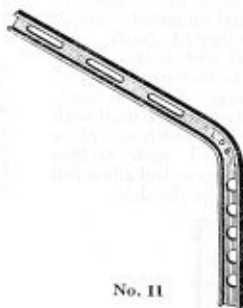
The No. 10 1/2 Shank is exactly the same as the No. 10, excepting the shape of the plate as shown in the illustration. It is furnished in assorted lengths and takes the same list as No. 10.

Patented September 19, 1922.

No. 10 a may be adapted to a slightly different style of eaves by bending with a wrench or other instrument without impairing the strength of the shank in any way. Made of wrought iron or copper, strong, light and unbreakable. Same price as No. 10.



Patented September 22, 1925.



No. 11

No. 11 is especially adapted to barns, mills and factories, or where the rafters are exposed. The shank is nailed to the side of a rafter. As it is stamped from a solid piece of wrought iron it can be bent after installation with a monkey wrench or other instrument without breaking. This feature often proves to be a great convenience to the roofer, for when he makes an error in the angle he can bend the stem to the proper position without weakening the shank, and thus save time and a new part. Furnished in assorted lengths.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

No. 12



The No. 12 Shank is made to fasten under shingles or slate. Owing to the slots at the top, a nail can be driven directly through the shingles and the opening found without difficulty thus securing the shank to the roof. This shank is the same as the No. 15 and No. 25 excepting that it is made to conform with the pitch of the average roof. It is stamped from a solid piece of wrought iron, and can be bent to any pitch without weakening or breaking. Furnished in assorted lengths.

Patented September 22, 1925.

No. 15



No. 15 is made to fasten under shingles or slate. Stamped from a solid piece of wrought iron. Same as No. 12 excepting that it is intended for a roof with very little pitch.

Patented September 22, 1925.

No. 13



No. 13 is made to drive with the pitch of the roof. Excepting the pitch, it is the same as No. 8.

No. 16



No. 16 is made to fasten under shingles. It is hinged and can be adjusted as to pitch. Both the hinge and circle can be adjusted every eighth of an inch. See Nos. 12, 15 and 25.

No. 14



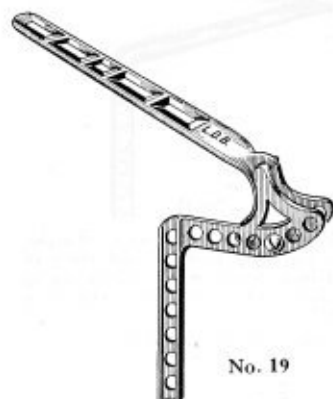
No. 14 is made to drive in brick or stone joints.

No. 17



No. 17 is made to fasten under shingles. In adjustment and purpose it is practically the same as No. 16. The L. D. B. Wrought Shanks Nos. 12, 15 and 25 take the place of Nos. 16 and 17 in most cases and are more economical.

See List Prices Page 14



No. 19

No. 19 is used mainly on top of the shingles, but can be nailed under them, and is sometimes suitably used where there are short projections of the shingles over the moldings.

No. 20 is made to span over various shaped moldings, and can be bent to a slightly different position if necessary before nailing to the eave. It is hinged and adjustable as to pitch. See No. 6.



No. 20



No. 25

No. 25 is the same as No. 12, excepting that it is made for a roof with a steep pitch. Stamped from a solid piece of wrought iron it can be bent, if necessary, without weakening or breaking. Made to fasten under shingles or slate. Patented September 22, 1925.

Extension Shanks

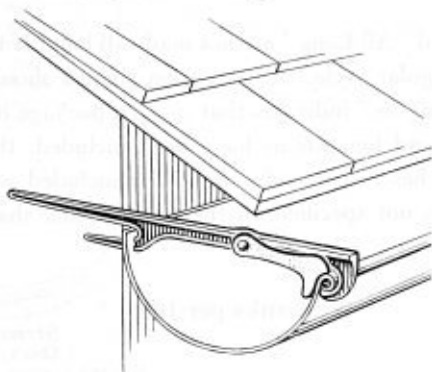
This shank can be rigidly bolted into the channel of any other shank and thus allows 5 inches more fall to the gutter. It is 6 inches long. Circles can be adjusted every eighth of an inch the same as can be done with the shank to which the extension shank is attached.





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Gutter Spikes

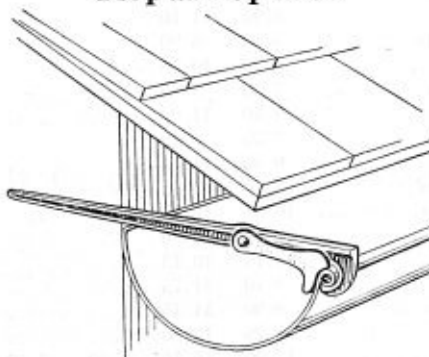


This gutter spike makes an excellent hanger where the shape of the eaves permits its use. It is used extensively on "O. G." or square gutter. The lower and shorter prong is driven through the back of the gutter, and when the little shoe, which is carefully riveted to the stem, is forced down into place the bead of the gutter is absolutely locked and permanently held in position. Can be used on 4, 5 and 6-inch gutter. Put up in boxes of 50.

Gutter Spikes

	BLACK	TINNED
No. 1—4-inch, per 100.....	\$9.00	\$11.00
No. 1—5-inch, per 100.....	10.20	12.50
No. 1—6-inch, per 100.....	11.40	14.10

Repair Spikes



Repair spikes are used to straighten twisted gutter. They are ordinarily driven in the wall over the back of the gutter, the bead is pushed into position and rigidly locked. They are made of high grade malleable iron and can be bent somewhat without breaking. Packed 50 to the box.

Repair Spikes

	BLACK	TINNED
7-inch, per 100.....	\$7.90	\$9.50
9-inch, per 100.....	10.00	12.20
12-inch, per 100.....	11.40	14.10

Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

L. D. B. Gutter Hangers

Shanks not listed "All Long" are not made all long. If they are required longer than the regular style, the extension shanks should be used. The term "Assorted Lengths" indicates that in each package of fifty a number of short, medium and long stems have been included, the lengths being $3\frac{1}{4}$, $4\frac{1}{4}$ and 6 inches respectively. A bolt is included with each hinged shank. If Tinned is not specified on the order, Black shanks will be forwarded.

Shanks per 100

	PLAIN BLACK	TINNED	PLATES ONLY, BLACK	STEMS ONLY, WITH BOLTS, BLACK	PLATES ONLY, TINNED	STEMS ONLY, WITH BOLTS, TINNED
No. 1.....	\$13.00	\$16.25	\$7.50	\$5.50	\$9.40	\$6.90
No. 2.....	10.40	13.00	4.90	5.50	6.15	6.90
No. 5.....	10.00	12.50	4.50	5.50	5.65	6.90
No. 6 Assorted Lengths.....	9.50	11.90	.....	.....	.....	.....
No. 6 All long.....	11.00	13.75	.....	.....	.....	.....
No. 7 Assorted lengths.....	5.40	6.75	.....	.....	.....	.....
No. 7 All long.....	7.40	9.25	.....	.....	.....	.....
No. 8 Assorted lengths.....	7.70	9.65	.....	.....	.....	.....
No. 8 All long.....	8.90	11.10	.....	.....	.....	.....
No. 9 Assorted lengths.....	5.50	6.90	.....	.....	.....	.....
No. 9 All long.....	8.00	10.00	.....	.....	.....	.....
No. 10 Assorted lengths.....	7.50	9.40	.....	.....	.....	.....
No. 10 All long.....	9.50	11.90	.....	.....	.....	.....
No. 11 Assorted lengths.....	7.30	9.10	.....	.....	.....	.....
No. 11 All long.....	9.00	11.25	.....	.....	.....	.....
No. 12 Assorted lengths.....	8.90	11.15	.....	.....	.....	.....
No. 12 Medium lengths.....	10.25	12.80	.....	.....	.....	.....
No. 12 All long.....	10.25	12.80	.....	.....	.....	.....
No. 13.....	8.10	10.15	.....	.....	.....	.....
No. 14.....	9.40	11.75	.....	.....	.....	.....
No. 15 Assorted lengths.....	8.90	11.15	.....	.....	.....	.....
No. 15 All long.....	10.25	12.80	.....	.....	.....	.....
No. 16.....	12.90	16.15	7.40	5.50	9.25	6.90
No. 17.....	13.70	17.15	8.00	5.70	10.00	7.15
No. 19.....	15.50	19.40	8.00	7.50	10.00	9.40
No. 20.....	9.50	11.90	3.80	5.70	4.75	7.15
No. 25 Assorted lengths.....	8.90	11.15	.....	.....	.....	.....
No. 25 All long.....	10.25	12.80	.....	.....	.....	.....
Extension Shanks.....	5.70	7.15	.....	.....	.....	.....

Discount.....Per Cent

Gem Circles

Gem circles are made to support single bead gutter. Owing to various styles of eaves and various sizes of gutter, it is necessary to list shanks and circles separately. However, a circle is needed with every shank to make a complete eave trough hanger. Circles are packed in neat pasteboard packages, 50 to the package, including 50 nuts and bolts, and 50 straps. The bolts lock the circle rigidly in the channel of the shank, and the straps, which are made of galvanized iron, are hooked on the end of the circle and bent around the bead of the gutter.



Per 100 with Bolts and Adjustable Bead Hooks

BLACK TINNED

10-inch adjustable style. . . \$27.00 \$33.75

GEM CIRCLES

Per 100 with Bolts and Straps

	BLACK	TINNED
3- inch.....	\$4.75	\$5.95
3 1/4-inch.....	4.85	6.05
3 1/2-inch.....	5.55	6.95
3 3/4-inch.....	5.80	7.25
4- inch.....	5.85	7.30
4 1/2-inch.....	6.95	8.70
5- inch.....	7.15	8.95
6- inch.....	9.45	11.80
7- inch.....	15.60	17.00
8- inch.....	15.50	19.40

Penn Circles

Penn circles are made to support double bead gutter. A circle is needed for every shank to make a complete eave trough hanger. Penn circles are packed 50 to the package with bolts and straps, and are installed in the same manner as Gem circles.



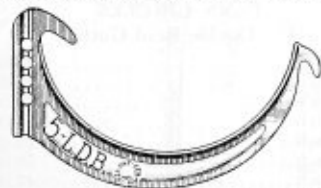
PENN CIRCLES

Per 100 with Bolts and Straps

	BLACK	TINNED
3 1/2-inch.....	\$6.25	\$7.30
3 3/4-inch.....	6.25	7.30
4- inch.....	6.60	8.25
4 1/2-inch.....	7.25	9.10
5- inch.....	7.90	9.90
6- inch.....	9.45	11.80
7- inch.....	14.00	17.50
8-inch.....	16.20	20.25

L. D. B. Circle for Single Bead Gutter

This single-bead, 5-inch circle, stamped from wrought iron or heavy copper or brass, gives the eave trough or gutter the same support as the malleable circle. It is used in conjunction with the wrought and malleable shanks; a circle is needed with every shank to make a complete eave trough hanger. This circle cannot be broken and in this respect it is superior to the malleable. Although light in weight, it is designed to stand a heavy strain where strength is needed. Furnished only in the 5-inch size, neatly packed in pasteboard boxes, 50 to the box, including bolts and straps.



L. D. B. STAMPED METAL CIRCLES

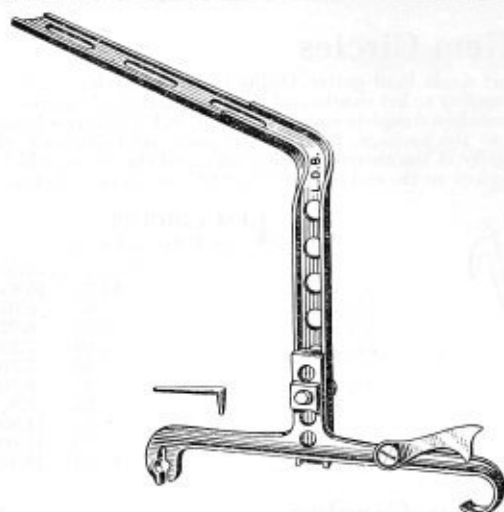
Per 100 with Bolts and Straps

Galvanized.....	\$7.15
Copper.....	21.00
Brass.....	21.00

Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Clamp Hangers

This strong, convenient cross-bar hanger will adjust to the pitch of any roof. The shank is made of wrought iron and can be bent by means of a monkey wrench or other instrument without weakening or breaking. The crossbar can be adjusted for rise and fall in the gutter after the shank has been permanently fastened to the roof. The crossbar can be locked rigidly into the channel of the shank every eighth of an inch. Keys are included with single bead clamp hangers, and sufficient nuts and bolts are included with both single and double bead.

Price per 100, tinned:

	SINGLE BEAD	DOUBLE BEAD
4-inch.....	\$19.20	\$21.30
5-inch.....	19.80	23.00
6-inch.....	21.00	23.40
Shanks only.....	\$11.15	

Discount.....Per Cent

List Prices of L. D. B. Gutter Hangers Made of Solid Brass, Bronze or Copper

The regular discount does not apply to this list. On application a special discount will be quoted on Brass and Copper Shanks and Circles.

Shanks, Per 100		
No. 1.....	\$33.00	No. 11..... 22.00
No. 2.....	27.00	No. 12..... 28.00
No. 3.....	32.00	No. 13..... 21.00
No. 4.....	25.00	No. 15..... 30.00
No. 5.....	25.00	No. 16..... 33.00
No. 6.....	16.00	No. 17..... 36.00
No. 7.....	22.00	No. 19..... 40.00
No. 8.....	16.00	No. 20..... 25.00
No. 9.....	22.00	No. 25..... 28.00

One Brass Nut and Bolt included with each Hinged Shank

Brass or Cast Bronze Circles per 100 With Brass Nuts and Bolts and Straps

GEM CIRCLES For Single Bead Gutter		PENN CIRCLES For Double Bead Gutter	
3- inch.....	\$12.50	3½-inch.....	\$17.00
3½-inch.....	14.00	4- inch.....	20.00
4- inch.....	18.00	4½-inch.....	23.00
4½-inch.....	20.00	5- inch.....	24.00
5- inch.....	21.00	6- inch.....	28.00
6- inch.....	28.00	7- inch.....	38.00
7- inch.....	38.00	8- inch.....	44.00
8- inch.....	44.00		

Discount.....Per Cent



L. D. B. Twisted Wire Conductor Hooks

(Patented)

These hooks cannot be broken. They can be neatly driven into a brick or wooden wall like a heavy nail, the stout twisted wire, clasps the pipe snugly and holds it rigidly in place. They are strong, light and neat. Put up in packages of 50. Price per 100, tinned:

List Prices

SIZE	PER 100	SIZE	PER 100
2-inch.....	\$4.60	3½-inch.....	\$9.70
2½-inch.....	6.60	4-inch.....	9.70
3-inch.....	6.75		

Plain Sickle Hooks

These hooks are made of high grade malleable iron, for plain round rain spout, or to support pipe of any kind from 2 to 8 inches in diameter. They are mainly used for down-spout, the shaft being driven into the wall, the curved part pressing closely around the pipe and thus holding it rigidly in position. They are made in two styles, for wooden walls, and for brick or stone walls. All malleable brick hooks have grooved drives to retain the mortar. Packed 50 to the package in neat pasteboard boxes. Price per 100, tinned:

	WOOD	BRICK
2-inch, per 100.....	\$3.50	\$4.60
2½-inch, per 100.....	4.00	6.60
3-inch, per 100.....	6.00	6.75
3½-inch, per 100.....	7.20	9.70
4-inch, per 100.....	7.20	9.70
5-inch, per 100.....	12.50	13.20
6-inch, per 100.....	16.40	18.50

Corrugated Sickle Conductor Hooks

These hooks are made for corrugated down-spout in two styles, for wooden walls, and for brick or stone walls. They are made to fit 2, 3, and 4-inch corrugated conductor pipe. Always state whether CORRUGATED sickle hooks or PLAIN sickle hooks are wanted when ordering. In packages of 50, price per 100, tinned:

	WOOD	BRICK
2-inch, per 100.....	\$4.80	\$5.20
3-inch, per 100.....	6.40	6.75
4-inch, per 100.....	9.80	10.20

Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



ROUND CORRUGATED HINGED HOOKS FOR WOOD

In ordering Hinged Hooks always clearly state **HINGED**, otherwise Sickle Hooks may be forwarded in error

These hooks are made to fasten corrugated conductor pipe to a wooden wall. They are made with a short drive, and a long drive. The long drive holds the pipe out about 1 inch farther from the wall. They are machine riveted. The top is pulled around on the hinge until it is wide open, the shaft is driven in the wall, the pipe is then placed in position in the opening when the top is pulled around clamping the pipe in a perfect grip, where it is permanently secured by a small piece of wire. Put up in bulk; price per 100, tinned:

WOOD	SHORT DRIVE	LONG DRIVE
2-inch, per 100.....	\$7.85	\$8.65
3-inch, per 100.....	10.35	11.40
4-inch, per 100.....	14.50	17.50
5-inch, per 100.....	.....	20.75
6-inch, per 100.....	.....	28.50



ROUND CORRUGATED HINGED HOOKS FOR BRICK

These hooks are made to fasten corrugated conductor pipe to a brick or stone wall. They are installed in the same manner as the hinged hook for wood. Put up in bulk, price per 100, tinned:

BRICK	
2-inch, per 100.....	\$9.50
3-inch, per 100.....	12.30
4-inch, per 100.....	17.50
5-inch, per 100.....	21.80
6-inch, per 100.....	29.40



PLAIN ROUND HINGED HOOKS FOR WOOD

These hooks are made to fasten plain round conductor pipe to a wooden wall. Installed in the same manner as the other hinged hooks. Put up in bulk, price per 100, tinned:

WOOD	
2-inch, per 100.....	\$7.75
3-inch, per 100.....	10.40
4-inch, per 100.....	15.60



PLAIN ROUND HINGED HOOKS FOR BRICK

These hooks are made to fasten plain round conductor pipe to a brick or stone wall. For description of installation see round corrugated hinged hooks for wood.

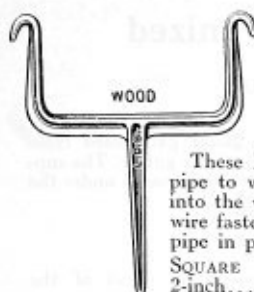
Plain Round Hinged Hooks for brick are put up in bulk. Price per 100, tinned:

BRICK	
2-inch, per 100.....	\$9.20
3-inch, per 100.....	11.80
4-inch, per 100.....	15.80
5-inch, per 100.....	22.80
6-inch, per 100.....	30.00

Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



WOOD

Square Wired Hooks



BRICK

These hooks are made to fasten square conductor pipe to wood, brick or stone walls. They are driven into the wall and the pipe put in position, a piece of wire fastened to each side of the hook then holds the pipe in place. Price per 100, packed in bulk, tinned:

SQUARE	WOOD	BRICK
2-inch.....	\$4.70	\$5.80
3-inch.....	6.80	8.80
4-inch.....	8.50	10.80
5-inch.....	12.20	13.20
6-inch.....	.....	16.80



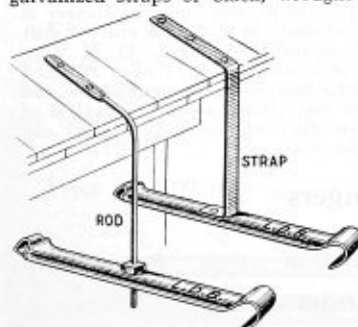
Flashing Hooks

These Flashing Hooks are made of high grade malleable iron and will not break when struck with a hammer. They are used to fasten metal flashing to brick, stone or wood. They are also used for many other purposes. Price per 100, put up in bulk:

	BLACK	TINNED
1½-inch.....	\$0.80	\$0.95
2½-inch.....	1.30	1.60
3½-inch.....	1.90	2.40
5½-inch.....	4.00	5.00
7½-inch.....	6.60	8.25

L. D. B. Cross Bar Hangers

These eave trough hangers are made with heavy gauge galvanized crossbars and galvanized straps or black, wrought iron rods. The thread on the rods permits some adjustment as to rise and fall of gutter after the rods have been nailed to the roof. By the simple use of hanger tongs the Imperial Hanger can be made to clinch the gutter securely and hold it in place. Sizes are taken inside of the bead. For double bead hangers add 25 cents per gross to the list. Neatly packed in gross lots, price per gross:



	WITH RODS	WITH STRAPS
3- inch.....	\$4.00	\$3.75
3½-inch.....	4.25	3.75
4- inch.....	4.50	4.00
4½-inch.....	4.60	4.10
5- inch.....	4.75	4.25
5½-inch.....	5.25	4.75
7- inch.....	6.25	5.75
8- inch.....	8.25	7.75

Discount.....Per Cent

L. D. B. Strap Hangers—Galvanized

SEE HOW EASILY THEY ARE PUT UP



First

First: The heavy gauge galvanized cross bar fits across the top of the gutter. The supporting strap is then swung around under the gutter and—



Second

Second: Bent around the bead of the gutter with one's thumb.



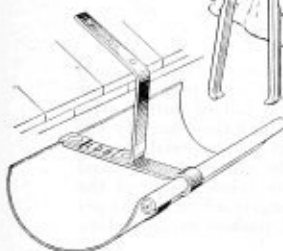
Third

Third: The cross bar is then pushed down on top of the strap and—



Fourth

Fourth: Clinched with hanger tongs in this manner which positively locks the hanger with a grip like a bear trap and brings the under support as snug as a glove to the gutter



Fifth

Fifth: The remaining suspending strap is then nailed to the roof in this manner and the point at which it is nailed easily regulates the pitch of the gutter for proper drainage. Thus a neat, permanent and enduring hanger is quickly and easily in place and will not shift nor rattle in the wind. The L. D. B. Strap Hanger can be nailed to the roof or attached to the gutter first, it makes no difference, the roofer can suit himself as to the method of application; they are as easily applied one way as the other.

Single Bead Hangers

Size.....	3½	4	4½	5	6	7	8
Galv., per Gross.....	\$6.50	\$6.50	\$7.00	\$7.00	\$7.50	\$9.50	\$10.50

Double Bead Hangers

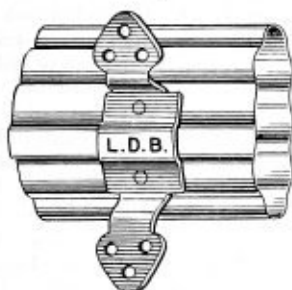
Galv., per Gross.....	\$6.75	\$6.75	\$7.25	\$7.25	\$7.75	\$9.75	\$10.75
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Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

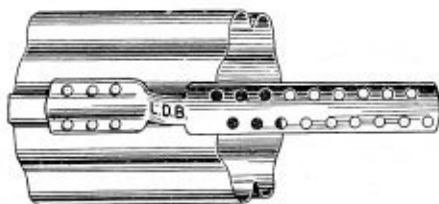
No. 30 Pipe Cleats



This Cleat is stamped from wrought iron. It makes an excellent pipe fastener in many cases. It can be soldered to round or corrugated pipe up to 4 inches in diameter, then nailed to the wall after the joint has been made. Is especially adaptable where the pipe follows porch columns.

Price per 100, in neat pasteboard packages, 50 to the package, tinned, \$3.80.

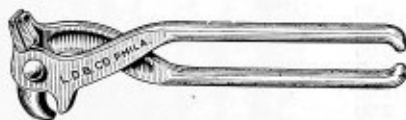
No. 50 Pipe Cleats



This Cleat is made to fasten lengthwise to all sizes of pipe either corrugated or round. It is first soldered to the pipe, the upper joint is made, then the cleat is nailed to the wall. When the following section of pipe has been slipped into place the fastener or cleat is practically invisible. The cleat is 7½ inches long and is stamped from wrought iron.

Price per 100 packages, 50 to the package, Tinned.....\$6.20

HANGER TONGS



This tool is mainly used to clinch strap hangers, but it proves handy for many other purposes as can be seen by its construction. Tough and strong, it is a necessary part of the roofer's equipment.

Price each.....\$0.70

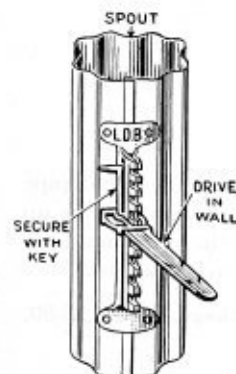
Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

L. D. B. Pipe Fastener

As shown in the illustration on the left, the notched rack can be riveted or soldered to the spouting. As the notches in the rack permit an adjustment up and down of about 3 inches, it does not require close measuring on the wall to find a joint for the drive. The drives, according to their respective styles, can be fastened to wood, brick or stone walls. The pipe is then put in position with the rack joining the drive and after the key has been tapped into place the spouting is firmly attached to the wall. The fastener is practically concealed when installed, and rigidly locks the spouting in place so that it cannot rattle in the wind.



The racks are $4\frac{3}{4}$ inches long with clips at each end, which, when soldered, will not work loose. The racks can be easily attached to round or corrugated pipe of any size, either end up.

An idea of the comparative sizes of the drives may be had from the illustrations. Measured over all the sizes are namely: No. 0— $5\frac{1}{2}$ -inch, No. 1— $4\frac{1}{2}$ -inch, No. 2—6-inch, No. 3—9-inch, No. 4— $3\frac{3}{4}$ -inch, No. 5— $5\frac{1}{2}$ -inch, No. 6—nailed to wood, No. 7— $2\frac{1}{2}$ -inch.

This concealed fastener is widely used, on account of its neatness, durability and ease of installation.

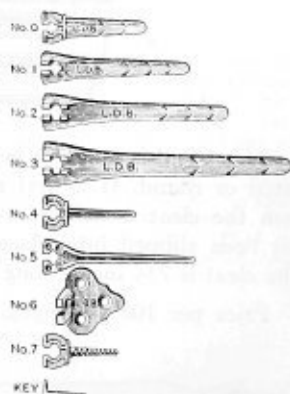
The roofer, with a small assortment of drives, can fasten pipe to wood, brick or stone at varying distances from the wall.

Price per 100 fasteners, including racks and keys:

	TINNED	COPPER OR CAST BRONZE
No. 0, for brick, 5-inch.....	\$10.70	\$24.00
No. 1, for brick or stone, $4\frac{1}{2}$ -inch..	12.50	28.00
No. 2, for stone, 6-inch.....	15.00	35.00
No. 3, for stone, 9-inch.....	19.90	47.00
No. 4, for wood, 3-inch.....	9.60	20.50
No. 5, for wood, 5-inch.....	11.80	26.00
No. 6, to nail on wood.....	10.60	24.00
No. 7, to screw in wood.....	9.90	21.50

Drives only, per 100 pieces

	TINNED	COPPER OR CAST BRONZE
No. 0, for brick, 5-inch.....	\$4.10	\$10.00
No. 1, for brick or stone, $4\frac{1}{2}$ -inch..	5.90	14.00
No. 2, for stone, 6-inch.....	8.40	21.00
No. 3, for stone, 9-inch.....	13.50	33.00
No. 4, for wood, 3-inch.....	3.00	6.50
No. 5, for wood, 5-inch.....	5.20	12.00
No. 6, to nail on wood.....	4.00	10.00
No. 7, to screw in wood.....	3.30	7.50
Racks and keys only.....	6.60	12.00
Keys only.....	.60	2.00



Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Spout Guards Galvanized



We make these guards of high grade galvanized wire somewhat heavier than the material ordinarily used. The two- and three-inch guards are made of 16-gauge wire; the four-inch guard, 15-gauge wire; five-inch guard, 14-gauge wire. Each guard is carefully manufactured and inspected before leaving our factory.

One of these guards should be installed at the top of every down-spout to prevent leaves and debris from entering and clogging the passage of water through the conductor. The L. D. B. Spout Guard is strong and very enduring, and by keeping the passage clear it adds much to the life of down-spout.

We are equipped to promptly manufacture to order other sizes than those listed.

GALVANIZED

Common Round

2-inch.....	per dozen	\$1.50
3-inch.....	"	2.00
4-inch.....	"	3.00
5-inch.....	"	5.00
6-inch.....	"	6.00

Common Square

2 x 3-inch.....	per dozen	\$4.25
3 x 4-inch.....	"	7.25
4 x 5-inch.....	"	9.00

COPPER

Common Round

2-inch.....	per dozen	\$2.20
3-inch.....	"	3.00
4-inch.....	"	4.60
5-inch.....	"	9.60
6-inch.....	"	11.00

Common Square

2 x 3-inch.....	per dozen	\$5.00
3 x 4-inch.....	"	8.00
4 x 5-inch.....	"	11.00



Adjustable Spout Guards Galvanized and Copper

These handy spout guards are made in two sizes to fit pipe from two to six inches in diameter. They are made of one piece of heavy galvanized or copper wire to slip in round pipe, but can easily and quickly be fitted to square pipe by bending slightly with the fingers.

Per Doz.

No. 1 Galvanized, will fit 2 to 4-inch pipe.....	\$2.00
No. 2 Galvanized, will fit 5 to 6-inch pipe.....	3.00
No. 3 Copper, will fit 2 to 4-inch pipe.....	3.00
No. 4 Copper, will fit 5 to 6-inch pipe.....	4.60

Discount, Galvanized Per Cent.

Discount, Copper Per Cent.

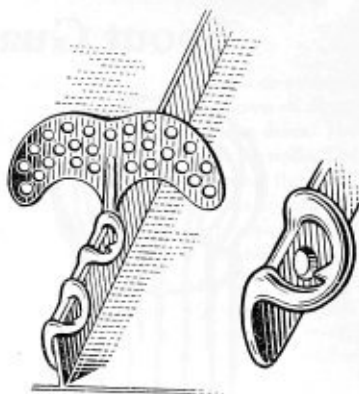


59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Standing-Seam Roof Snow Irons

These irons take the place of unsightly snow rails or gutters formed on the roof to prevent snow from sliding. They are quickly and easily attached. This style, the No. 1, is for use on standing-seam roofs only. They are clamped fast to the roof by clinching the lugs through the standing-seam. They are made of high grade malleable iron and will not break when bent into place. Price per 100, packed in bulk:

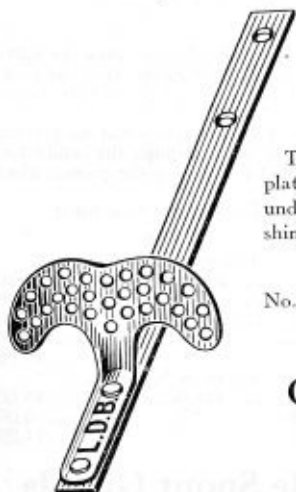
	BLACK	GALVAN- IZED
No. 1 for standing-seam...	\$15.75	\$19.50



Slate Roof Snow Iron

These snow irons are riveted on $\frac{3}{4}$ x 1-inch wrought iron plates, 12 inches long, and should be fastened about 8 inches under the slate. They can also be easily fastened under shingles. Price per 100, packed in bulk:

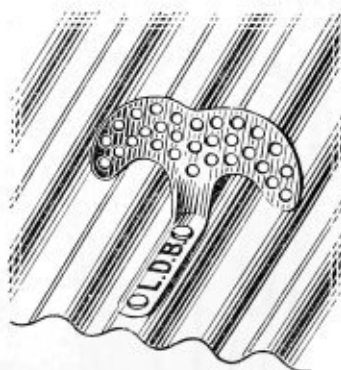
	BLACK	GALVAN- IZED
No. 2, for slate roof, complete.....	\$23.10	\$30.60



Corrugated Roof Snow Irons

These snow irons are made for corrugated roofing and will fit either $1\frac{1}{4}$ or $2\frac{1}{2}$ -inch corrugations. They are easily applied by riveting to the roof or by nailing through the roof to sheathing. They fit on top of the corrugation and will not leak. Price per 100, packed in bulk:

	BLACK	GALVAN- IZED
No. 20, for corrugated roofs	\$13.10	\$16.30



Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Wrought Star Ears

Same size and thickness as malleable. All perfectly even. The finest Ear that can be made.

Price per Gross Tinned

No. 20	\$1.40
No. 30	1.70
No. 40	2.40
No. 50	3.80
No. 60	4.60
No. 70	6.30

No. 30 corresponds in size to No. 3, and No. 40 to No. 4, in Malleable, etc.

Discount Per Cent.

We Can Furnish Sizes 20, 30 and 40 Stamped from Sheet Brass



No. 20

Malleable Star Ears

Countersunk Rivet Holes on Under Side

FOR FLUSH RIVET HEADS

Samples mailed upon request.

Cuts show full size.

Price in Gross Boxes

Nos.	1	2	3	4	5	6	7	8	9
Tinned..	\$1.40	\$1.80	\$2.20	\$2.80	\$4.00	\$5.00	\$7.50	\$11.00	\$15.00

Discount Per Cent.



No. 1

Heavy Malleable Star Ears

- No. 1—Size $1\frac{1}{2} \times 2$ inch
- No. 2—Size $1\frac{3}{4} \times 2\frac{1}{4}$ inch
- No. 3—Size $2 \times 2\frac{1}{2}$ inch
- No. 4—Size $2\frac{3}{8} \times 2\frac{7}{8}$ inch

Tinned, per pound \$

Discount Per Cent.





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Lard Can Drop Handles WITH CLIPS

TINNED	Per Doz.	Gross
3 inch	\$1.00	\$11.00
3½ inch	1.20	13.00
4 inch	1.60	17.50
3 inch, Clip only .....	.45	5.00
3½ inch and 4 inch, Clip only .....	.50	5.20



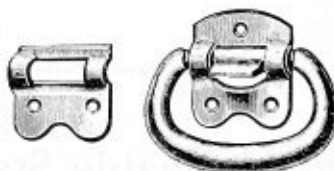
Guard Drop Handles WITH CLIPS



TINNED	Per Doz.	Gross
3½-inch	\$2.90	\$31.00
4 inch	3.70	40.00
Clips only .....	.55	6.00

Milk Can Drop Handles

TINNED	Per Doz.	Gross
3½ inch, with Clips	\$2.40	\$26.00
3½ inch, Handles only	1.80	19.80
Clips only (Round or Square Top) .....	.60	6.20



Milk Can Handles WITH CLIPS



TINNED	Per Doz.	Gross
3½ inch	\$2.70	\$29.00
4 inch	3.50	38.00
HANDLES ONLY		
3½ inch	\$1.90	\$20.50
4 inch	2.70	29.50
Clips only .....	.80	8.50

Bread-Pan Handles

TINNED	Per Doz.	Gross
3 inch	\$0.60	\$5.70
3½ inch	1.00	10.40
Discount	Per Cent.	



Coppered Grooved Boiler Handles



Gray Iron, Coppered, 2½, 3, 3½, 4 inches

Price, per pound

Malleable Iron Grooved Boiler Handles

TINNED	Per Doz.	Gross
3 inch	\$1.00	\$11.30
3½ inch	1.40	15.20

Same Style as Coppered Grooved Boiler Handles
Discount

Per Cent.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Lid Handles



	TINNED	Per Doz.	Gross
3 inch	\$0.50	\$5.40
3½ inch80	8.00
4 inch90	10.00

Fluted Lid Handles

TINNED

	Per Doz.	Gross
3½ inch	\$2.30	\$25.00
4 inch	2.95	32.00



Ash Can Handles

	Per Doz.	Gross
3½ inch, Tinned	\$1.90	\$20.00
4 inch, Tinned	2.40	26.00

Dish Pan Handles

	Per Doz.	Gross
2 inch, Tinned	\$0.40	\$4.00
3 inch, Tinned	.50	5.20



Heavy Dish Pan Handles

	Per Doz.	Gross
3½ inch, Tinned	\$1.20	\$13.00
Discount	Per Cent.	

Enameled Tea-Pot Knobs

No. 53. Per Gross \$



Enameled Pail Woods

	Per Gross
3 inch	\$
3½ inch
4 inch



59 NORTH SECOND ST., **L.D. BERGER COMPANY** PHILADELPHIA, PA.

Valves and Plungers

PUMP VALVES

	Per doz.
No. 1—2½ inch	\$4.00
No. 2—3 inch	4.50
No. 3—3½ inch	5.50
No. 4—4 inch	6.50
Discount	Per Cent.



DOUBLE CLAPPER VALVES

	Per doz.
4½ inch	\$10.00
5 inch	12.00
5½ inch	14.00
6 inch	17.00
Discount	Per Cent.

OIL VALVES AND PLUNGER

	Per doz. pairs
1 inch	\$3.00
1¼ inch	3.00
1½ inch	3.50
1¾ inch	4.00
2 inch	4.50
Discount	Per Cent.



LEATHER PLUNGERS FOR BOAT PUMPS

	Per doz.		Per doz.
2 inch	\$2.60	4½ inch	\$8.00
2½ inch	3.30	5 inch	10.00
3 inch	4.00	5½ inch	12.00
3½ inch	4.80	6 inch	14.00
4 inch	5.60		
Discount	Per Cent.		

IMPROVED PLUNGERS

	Per doz.		Per doz.
2½ inch	\$3.00	3½ inch	\$5.00
3 inch	4.00	4 inch	5.50
Discount	Per Cent.		

All Sizes Always in Stock



Leather Plunger

Improved Plunger

In making these Valves and Plungers we use only the best castings and leather procurable, and they are as near perfect as it is possible to make them.

Valves are furnished with leather clappers and galvanized castings. Very enduring.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Galvanized Boat Pumps

Made of Extra Heavy Galvanized Iron Pipe
 Sizes—6 feet and longer, Smaller sizes made to order only



LIST EFFECTIVE MARCH 1, 1920

DIAMETER SIZE	PRICE EACH		
	1½ AND 2 INCH	2½ AND 3 INCH	3½ AND 4 INCH
2-foot	\$4.75	.....	.....
3-foot	5.00	.....	.....
4-foot	5.50	\$9.00	\$10.00
5-foot	6.00	9.50	10.70
6-foot	6.60	10.00	11.00
7-foot	7.00	10.60	11.50

DIAMETER SIZE	PRICE EACH		
	1½ AND 2 INCH	2½ AND 3 INCH	3½ AND 4 INCH
8-foot	\$7.50	\$11.00	\$12.00
9-foot	8.00	11.50	13.00
10-foot	9.00	12.00	14.00
12-foot	10.00	14.00	15.00
14-foot . . . . .	.....	16.00	18.00
16-foot . . . . .	.....	18.00	20.00

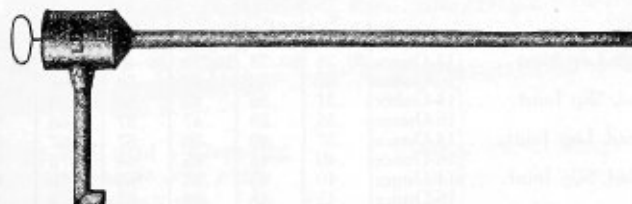
Discount%

We manufacture these pumps very carefully. The seams are heavily soldered and the whole outfit is made with the idea in mind that it must be rugged enough to stand up under the slap and bang it is sure to receive.

We sell a large quantity of these boat pumps, and it is a well-known fact that this type of pump has no equal when it comes to drawing water.

Our pumps are made accurately and operate easily. They are not only useful for pumping out boats, but are used in many other places, and not infrequently they serve the purpose better and draw the water faster than more expensive types of pumps.

Oil Pumps



For pumping lubricating oil and kerosene, this type of pump has come into great favor. It outlasts the ordinary pump of this type by many years of extra service. It is strongly built of galvanized iron, and draws out the oil in a steady stream, quickly and easily.

1½-inch galvanized with 12-inch spout. Standard sizes:

4 feet
\$8.00

5 feet
\$9.00

6 feet
\$10.00

Sizes less than 4 feet take 4-foot price. Sizes longer than 6 feet add \$1.00 per foot extra. Crating extra

Discount%



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Slip Joint

Eaves Trough

STANDARD PRICE LISTS—PER FOOT

Adopted November 3, 1924

Galvanized Steel, Toncan Metal, Ingot Iron and Keystone Metal.
(Highest gauge No. 28.)

SIZE, INCHES		3½	4	5	6	7	8
Single Bead, Lap Joint	28 Gauge	\$0.17	\$0.19	\$0.20	\$0.25	\$0.32	\$0.42
	26 Gauge	.21	.23	.24	.31	.40	.50
	24 Gauge	...	.33	.34	.40	.50	.60
Single Bead, Slip Joint	28 Gauge	.19	.21	.22	.27	.34	.44
	26 Gauge	.23	.25	.26	.33	.42	.52
	24 Gauge	...	.35	.36	.42	.52	.62
Double Bead, Lap Joint	28 Gauge	.23	.25	.27	.33	.39	.50
	26 Gauge	.28	.30	.32	.40	.50	.60
	24 Gauge	...	.44	.45	.55	.60	.70
Double Bead, Slip Joint	28 Gauge	.25	.27	.29	.35	.41	.52
	26 Gauge	.30	.32	.34	.42	.52	.62
	24 Gauge	...	.46	.47	.57	.62	.72

Discount—Steel.....% Toncan Metal and Ingot Iron.....% Keystone Metal.....%

Copper Eaves Trough

STANDARD LIST PRICES—PER FOOT

Adopted February 27, 1923

SIZE, INCHES		4	5	6	7	8	9	10
Single Bead, Lap Joint	14-Ounce	\$0.28	\$0.33	\$0.39	\$0.49	\$0.56	\$0.72	\$0.85
	16-Ounce	.32	.36	.44	.54	.63	.80	.95
Single Bead, Slip Joint	14-Ounce	.31	.36	.42	.52	.59	.75	.88
	16-Ounce	.35	.39	.47	.57	.66	.83	.98
Double Bead, Lap Joint	14-Ounce	.37	.40	.50	.57	.67	.84	.97
	16-Ounce	.40	.45	.55	.64	.75	.92	1.07
Double Bead, Slip Joint	14-Ounce	.40	.45	.53	.60	.70	.87	1.00
	16-Ounce	.45	.48	.58	.67	.78	.95	1.10

Discount.....%



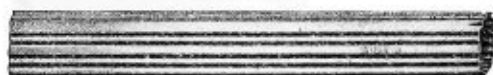
Lap Joint



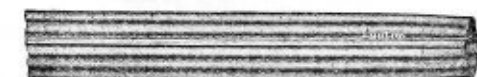
59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Plain Round



Square Corrugated



Round Corrugated

Conductor Pipe

Our Conductor Pipe is made in straight lengths of ten feet each.

The corrugations are deep and even, full girth, with an ample seam that is tightly locked and sets flat on the back of the pipe.

Pipe made with deep, even corrugations is a genuine protection against bursting from ice

Adopted Nov. 3, 1924 **STANDARD LIST PRICES—PER FOOT**

Plain Round and Round Corrugated Pipe
Galvanized Steel, Toncan Metal, Ingot Iron and
Keystone Metal, (lightest gauge No. 28).

Square Corrugated Pipe

Size, In.	1½ & 2	3	4	5	6	2	3	4	5	ACTUAL SIZE, IN.
28 Gauge	\$0.18	\$0.20	\$0.28	\$0.39	\$0.50	\$0.23	\$0.24	\$0.31	\$0.42	3—2¼x3¼
26 Gauge	.23	.24	.34	.46	.58	.29	.30	.38	.50	4—2¼x4¼
24 Gauge	.33	.34	.46	.60	.72	...	.40	.50	.65	5—3½x5

Discount—Steel.....%; Toncan Metal and Ingot Iron.....%; Keystone Metal.....%

Copper Conductor Pipe

Adopted Feb. 27, 1923 **STANDARD LIST PRICES—PER FOOT**

Size, In.	Plain Round and Round Corrugated					Square Corrugated				
	1½ & 2	3	4	5	6	2	3	4	5	
14-Ounce	\$0.27	\$0.33	\$0.47	\$0.63	\$0.80	\$0.28	\$0.37	\$0.49	\$0.66	
16-Ounce	.30	.36	.51	.69	.90	.31	.40	.53	.75	

Discount.....%



Plain Ridge Roll and V Capping

STANDARD LIST PRICES—PER FOOT

Adopted November 3, 1924

Galvanized Steel, Toncan Metal, Ingot Iron
and Keystone Metal, (lightest gauge No. 28).

GIRTH, IN.	7	8	10	12	14
Size, In.	1¾	1½	2	2½	3
28 Gauge	\$0.16	\$0.18	\$0.20	\$0.25	\$0.32
26 Gauge	.21	.23	.24	.31	.40
24 Gauge	...	.32	.34	.40	.50

Steel.....%; Toncan Metal and Ingot Iron
.....%; Keystone Metal.....%

Copper Plain Ridge Roll and V Capping

STANDARD LIST PRICES—PER FOOT

Adopted February 27, 1923

SIZE OF ROLL	APRON	GIRTH	14-OUNCE	16-OUNCE
1½"	2"	8"	\$0.28	\$0.32
2"	2½"	10"	.33	.36
2½"	3"	12"	.40	.45
3"	3½"	14"	.56	.63

Discount.....%



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Zinc Conductor and Gutter



Round Corrugated Zinc Conductor



Square Corrugated Zinc Conductor



Zinc Eaves Trough

The $\frac{3}{16}$ " crimps running **around** the product is done for three purposes:

- 1—It allows for expansion and contraction;
- 2—It adds stiffness and strength to the metal;
- 3—It makes a very handsome appearance on the building.

Made from Horse Head Brand Zinc, No. 11 Gauge only

CONDUCTOR PIPE

Plain Round and Round Corrugated. Square Corrugated.

SIZE, INCHES	2	3	4	5	6
Plain Round and Round Corrugated, per foot.....	\$0.50	\$0.56	\$0.51	\$0.69	\$0.90
Square Corrugated, per foot.....	.31	.40	.53	.75	...

EAVES TROUGH

SIZE, INCHES	4	5	6
Single Bead, Lap Joint, per foot.....	\$0.32	\$0.36	\$0.44
Single Bead, Slip Joint, per foot.....	.55	.59	.47
Double Bead, Lap Joint, per foot.....	.40	.45	.55
Double Bead, Slip Joint, per foot.....	.45	.48	.58

RIDGE ROLL

Size, inches.....	1½	2	2½	3
Girth, inches.....	8	10	12	14
Per foot.....	\$0.32	\$0.56	\$0.45	\$0.63

ELBOWS AND SHOES

PLAIN ROUND OR ROUND CORR.			SQUARE CORRUGATED		
	ELBOWS	SHOES		ELBOWS	SHOES
2"	\$0.75	\$0.85	2"	\$0.90	\$1.05
3"	1.00	1.10	3"	1.20	1.35
4"	1.50	1.65	4"	1.80	2.00
5"	2.25	2.50	5"	2.75	3.00
6"	3.15	3.50			

MITRES

	SINGLE BEAD SLIP JOINT	SINGLE BEAD LAP JOINT	DOUBLE BEAD SLIP JOINT	DOUBLE BEAD LAP JOINT
4" per doz.	\$14.40	\$11.40	\$17.40	\$14.40
5" per doz.	16.20	13.20	19.20	16.20
6" per doz.	23.04	20.04	26.04	23.04

Zinc End Pieces, End Caps, and Outlets have same Lists as Copper shown on Page 35.

Discounts: Conductor Pipe and Eaves Trough% Ridge Roll, Elbows
and Shoes% Mitres%



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Galvanized Roof Gutters

STANDARD LIST PRICE—PER FOOT

Adopted November 3, 1924

	GIRTH	No. 29	No. 28	No. 26	No. 24
A	8 inch...	\$0.17	\$0.18	\$0.23	\$0.32
	10 inch...	.19	.20	.24	.34
	12 inch...	.24	.25	.31	.40
B	14 inch...	.30	.32	.40	.50
	15 inch...	.33	.35	.43	.53
	18 inch...	.40	.42	.50	.60
	20 inch...	.46	.48	.58	.68



Former, made of Solid Cast Iron

Galvanized Box and O. G. Gutters

	GIRTH	No. 29	No. 28
C	8 inch...	\$0.17	\$0.18
	10 inch...	.19	.20
D	12 inch...	.24	.25
	14 inch...	.30	.32
E	15 inch...	.33	.35
	18 inch...	.40	.42
	20 inch...	.46	.48

	GIRTH	No. 26	No. 24
F	8 inch...	.23	.32
	10 inch...	.24	.34
G	12 inch...	.31	.40
	14 inch...	.40	.50
H	15 inch...	.43	.53
	18 inch...	.50	.60
	20 inch...	.58	.68

J Formed Valley—Same List as Gutters. Discount: Steel.....%, Ton-can and Ingot.....%, Keystone Metal.....%

Bishop's Gutter End Former

Patented Jan. 25, 1899

SIZES	PRICE EACH
3½ inch.....	\$.
4 inch.....	. .
4½ inch.....	. .
5 inch.....	. .
6 inch.....	. .



Sample of Work Produced by Former



STYLE G GUTTER

This is one of the most popular of the various styles. It is supplied in six sizes, from 3 inches deep, 10-inch girth, to 6½ inches deep, 20-inch girth.

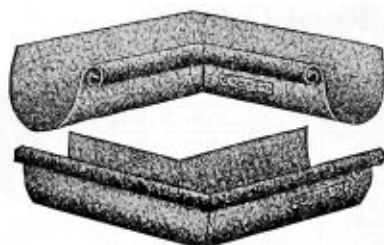


STYLE A VALLEY

10 foot lengths in 12, 14 and 18-inch girths.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Copper Mitres

LIST PRICES

(16-Ounce Only)

Adopted Dec. 1st, 1924

SIZE, INCHES	3½	4	5	6	7
Single Bead, Lap Joint, per Doz.	\$10.80	\$11.40	\$13.20	\$20.04	\$25.80
Double Bead, Lap Joint, per Doz.	13.80	14.40	16.20	25.04	28.80
Single Bead, Slip Joint, per Doz.	13.80	14.40	16.20	25.04	28.80
Double Bead, Slip Joint, per Doz.	16.80	17.40	19.20	26.04	31.80

Discount.....%

Zinc Mitres have same list as 16 oz. Copper

Discount.....%

Perfect Fitting Mitres

Made to fit our gutter with the same care and attention as we give the other products.

Galvanized Steel, Toncan Metal, Ingot Iron and Keystone Metal

Adopted Dec. 1st, 1924

SIZE, INCHES	3½	4	5	6	7
Single Bead, Lap Joint, per Doz.	\$7.50	\$8.00	\$9.25	\$11.75	\$15.75
Double Bead, Lap Joint, per Doz.	10.50	11.00	12.25	14.75	18.75
Single Bead, Slip Joint, per Doz.	10.50	11.00	12.25	14.75	18.75
Double Bead, Slip Joint, per Doz.	13.50	14.00	15.25	17.75	21.75

Discount (to be figured according to gauge):

Steel—Gauges 28.....% 26.....% 24.....%

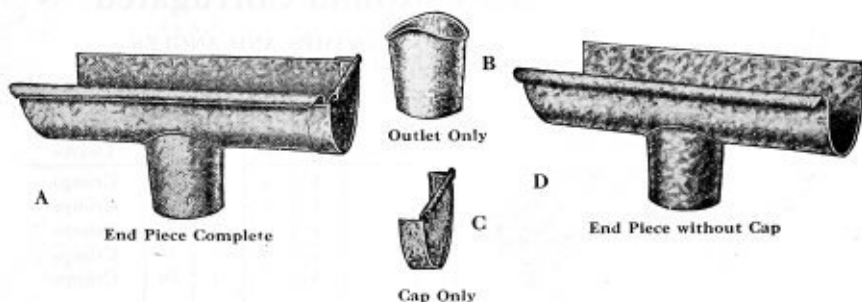
Toncan Metal and Ingot Iron—Gauges 28.....% 26.....% 24.....%

Keystone Metal—Gauge 28.....%

Note: When ordering mitres state whether "inside" or "outside" are wanted, and if slip joint, whether "rights" or "lefts." Otherwise, half of each kind will be shipped.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Eaves Through End Pieces, Caps and Outlets

Adopted Dec. 1st, 1924

GALVANIZED STEEL, TONCAN METAL, INGOT IRON AND KEYSTONE METAL

SIZE, INCHES	2	3	3½	4	5	6	7
A, Ends, S. B. per Doz.....	\$5.20	\$5.60	\$6.25	\$7.30	\$8.40
A, Ends, D. B. per Doz.....	5.95	6.25	6.90	8.00	9.35
B, Drops only, per Doz.....	\$1.20	\$1.45	.....	1.80	2.35	2.90	.....
C, Ends only, per Doz.....	1.80	1.90	2.00	2.40	2.90
D, Ends, S. B., per Doz.....	3.40	3.70	4.25	4.90	5.50
D, Ends, D. B., per Doz.....	4.15	4.35	4.90	5.60	6.45

COPPER AND ZINC

SIZE, INCHES	2	3	3½	4	5	6	7
A, Ends, S. B., per Doz.....	\$16.20	\$17.40	\$19.20	\$22.20	\$27.00
A, Ends, D. B., per Doz.....	19.20	20.40	22.20	25.20	30.00
B, Drops only, per Doz.....	\$3.60	\$4.80	.....	6.00	7.20	8.40	.....
C, Ends only, per Doz.....	4.80	4.80	6.00	6.60	7.80
D, Ends, S. B., per Doz.....	11.40	12.60	13.20	15.60	19.20
D, Ends, D. B., per Doz.....	14.40	15.60	16.20	18.60	22.20

When ordering Single Bead End Pieces Complete (Style A) state if wanted for Right or Left Hand.

When ordering "A" and "D" End Pieces, always state whether Single or Double Bead, also size of "B" Outlet. Single Bead is always shipped unless otherwise ordered, and standard size outlets for Trough they fit.

DISCOUNT		DISCOUNT	
No. 28—Galvanized Steel	7%	No. 28—Galvanized Ingot	7%
No. 26—Galvanized Steel	6%	No. 26—Galvanized Ingot	6%
No. 24—Galvanized Steel	6%	No. 24—Galvanized Ingot	6%
No. 28—Galvanized Toncan	6%	No. 28—Keystone Metal	7%
No. 26—Galvanized Tocal	6%	Copper	7%
No. 24—Galvanized Toncan	6%		

Note: All Previous Lists Void



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Elbows and Shoes—Round Corrugated

CRIMPS AND ANGLES— ROUND AND CORRUGATED

NUMBER . . .	1	2	3	4	
ANGLE . . .	45	60	75	90	Degree
2 inch	4	5	6	7	Crimps
3 inch	4	5	6	7	Crimps
4 inch	4	6	7	8	Crimps
5 inch	5	6	8	9	Crimps
6 inch	5	7	9	10	Crimps

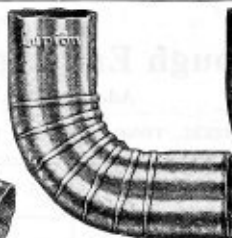


No. 1—45 deg.



No. 2—60 deg.

The number of crimps in an elbow determine the angle



Perfect Fitting Elbows and Shoes—Plain Round

CRIMPS AND ANGLES— PLAIN ROUND

NUMBER . .	1	2	3	4	
ANGLE . . .	45	60	75	90	Degree
2 inch	3	4	5	6	Crimps
3 inch	4	5	6	7	Crimps
4 inch	4	6	7	8	Crimps
5 inch	5	6	8	9	Crimps
6 inch	5	7	9	10	Crimps



No. 1—45 deg.



No. 2—60 deg.

When in doubt as to the angle refer to the scales shown on this page and order accordingly.



For List Prices see Page 37



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

LIST PRICES
PLAIN ROUND AND ROUND CORRUGATED ELBOWS
 Adopted October 1, 1913

SIZE, INCHES	GALVANIZED STEEL		TONGAN METAL INGOT IRON, KEYSTONE METAL	
	ELBOWS	SHOES	ELBOWS	SHOES
2 each.....	\$0.30	\$0.40	\$0.40	\$0.50
3 each.....	.30	.48	.48	.60
4 each.....	.60	.75	.75	.90
5 each.....	1.25	1.50	1.45	1.65
6 each.....	1.50	1.80	1.75	2.00

SIZE, INCHES	14-OUNCE COPPER		16-OUNCE COPPER	
	ELBOWS	SHOES	ELBOWS	SHOES
2 each.....	\$0.70	\$0.70	\$0.75	\$0.85
3 each.....	.90	1.00	1.00	1.10
4 each.....	1.35	1.50	1.50	1.65
5 each.....	2.00	2.25	2.25	2.50
6 each.....	2.85	3.15	3.15	3.50

Discount—Steel.....%; Tongan Metal and Ingot Iron.....%; Keystone Metal.....%.
 Zinc Elbows and Shoes have same List as 16 oz. Copper.
 Discount—Copper.....%. Discount—Zinc.....%.

Kuehn's Korrekt Kut-Off



Corrugated

The Best Made
Unequaled for Strength
No Solder Used
Galvanized
After Formation



Plain

PRICE LIST—PER DOZEN—GALVANIZED STEEL

Round Corrugated

2 inch.....	\$7.50
3 inch.....	8.00
4 inch.....	11.00
5 inch.....	20.00
6 inch.....	24.00

Plain Round

2 inch.....	\$7.00
3 inch.....	8.00
4 inch.....	11.00
5 inch.....	20.00
6 inch.....	24.00

Discount%

Perfect Fitting Elbows

SQUARE CORRUGATED—STYLE A



No. 2—60 deg.



No. 3—75 deg.



No. 3—Shoe

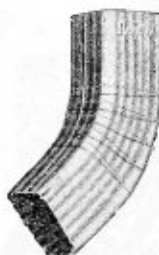
**Crimps and Angles—Square
Corrugated—Style A**

**Crimps and Angles—Square
Corrugated, Style B**

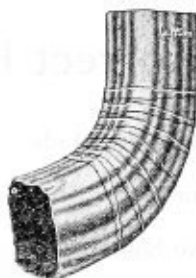
NUMBER.	1	2	3	
ANGLE ..	45	60	75	DEGREE
2 inch...	3	4	5	Crimps
3 inch...	3	4	5	Crimps
4 inch...	4	5	6	Crimps
5 inch...	4	5	6	Crimps

NUMBER	1	2	3	
ANGLE ..	45	60	75	DEGREE
2 inch...	4	5	6	Crimps
3 inch...	4	5	7	Crimps
4 inch...	4	6	8	Crimps
5 inch...	5	7	9	Crimps

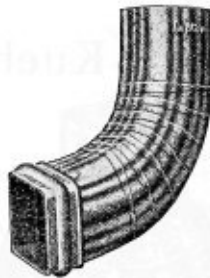
SQUARE CORRUGATED—STYLE B



No. 2—60 deg.



No. 3—75 deg.



No. 3—Shoe

LIST PRICES

SQUARE CORRUGATED ELBOWS

Adopted October 1, 1913

SIZE, INCHES	GALVANIZED STEEL		TONGAN METAL INGOT IRON KEYSTONE MTL.		14 OUNCE COPPER		16 OUNCE COPPER	
	ELBOWS	SHOES	ELBOWS	SHOES	ELBOWS	SHOES	ELBOWS	SHOES
2 each.....	\$0.40	\$0.50	\$0.60	\$0.75	\$0.85	\$0.90	\$0.90	\$1.05
3 each.....	.50	.60	.70	.85	1.10	1.20	1.20	1.35
4 each.....	.65	.80	.90	1.10	1.60	1.80	1.80	2.00
5 each.....	1.00	1.25	1.35	1.60	2.40	2.75	2.75	3.00

Discount—Steel.....%; Tongan Metal and Ingot Iron.....%; Keystone Metal.....%.

Zinc Elbows and Shoes have same List as 16-oz. Copper.

Discount—Copper.....%. Discount—Zinc.....%.



59 NORTH SECOND ST.,

L. D. BERGER COMPANY

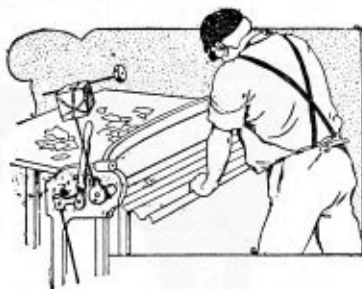
PHILADELPHIA, PA.

Sheet Metal Work

We are well equipped to turn out light sheet metal work promptly. We endeavor to report at once, after receiving drawings and specifications, as to price and time required to complete the work. Owing to modern factory equipment and thoroughly experienced workmen we are often able to quote very attractive figures to men in the trade, thus effecting a saving that means more profit to the sheet metal worker who, in turn, has contracted to turn out the work. Where time is saved, money is made, and while we are not always in a position to rush a job through the factory on account of previous orders, we try to clear up the work as quickly as possible when it can be done without affecting the high quality of our product. Our sheet metal factory has the reputation of turning out very high class work, and after all, regardless of our prices, which are not high, everyone wants quality.

Punch Press Work

We are equipped to do many jobs of punching and stamping which cannot be specifically listed in this catalog on account of lack of space. We are always glad to figure on work of this nature, too. We also manufacture wire specialties.





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Conductor Heads

Galvanized Iron and Copper

Can Make You Any Style or Size Desired



No. 1

Outlet	Face	Depth	Height
2"x3"	10"	5 1/4"	12"
3"x4"	11"	6 1/4"	12"

List, \$3.00



No. 2

Outlet	Face	Depth	Height
3" Rd	12 1/2"	7 1/2"	15"
4" Rd	13 1/2"	8 1/2"	15"

List, \$4.50



No. 3

Outlet	Face	Depth	Height
2"x3"	10 1/4"	5 1/2"	13 1/4"
3"x4"	11 1/4"	6 1/2"	13 1/4"

List, \$3.50



No. 4

Outlet	Face	Depth	Height
3" Rd	14"	7 1/2"	16"
4" Rd	15"	8 1/2"	16"

List, \$6.00



No. 5

Outlet	Face	Depth	Height
2"x3"	14 1/2"	7 1/2"	13"
3"x4"	15 1/2"	8 1/2"	13"

List, \$3.50



No. 7

Outlet	Face	Depth	Height
2"x3"	13 1/2"	7"	14"
3"x4"	14 1/2"	8"	14"

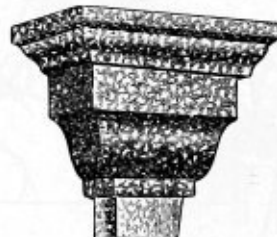
List, \$3.75



No. 9

Outlet	Face	Depth	Height
3" Rd	14"	8"	13 1/2"
4" Rd	15"	9"	13 1/2"

List, \$3.00



No. 11

Outlet	Face	Depth	Height
2"x3"	12"	8"	10 1/2"
3"x4"	13"	9"	10 1/2"

List, \$3.00



No. 12

Outlet	Face	Depth	Height
3" Rd	14"	8"	13 1/4"
4" Rd	15"	9"	13 1/4"

List, \$4.50

Discount.....Per Cent

Special Heads to order. Prices quoted upon receipt of detail.

Note: All Conductor Heads are made to order only and are not returnable.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Conductor Heads

Made of Galvanized Steel, Toncan Metal and Copper



No. 13

Outlet	Face	Depth
2"x3"	11"	6"
3"x4"	12"	7"

List, \$3.00



No. 14

Height	Outlet	Face	Depth	Height
9"	2"x3"	11"	6"	9"
9"	3"x4"	12"	7"	9"

List, \$2.00



No. 15

Height	Outlet	Face	Depth	Height
9"	2"x3"	11 1/4"	6"	9"
9"	3"x4"	12 1/4"	7"	9"

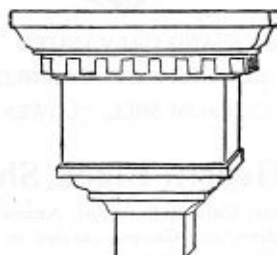
List, \$2.50



No. 54

Outlet	Face	Depth
2"x3"	12"	6 3/4"
3"x4"	13"	7 3/4"

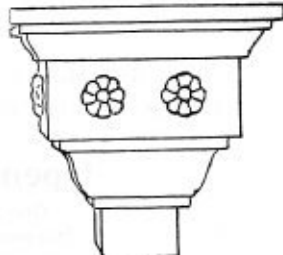
List, \$4.50



No. 56

Height	Outlet	Face	Depth	Height
16"	2"x3"	12 1/2"	7"	13 1/2"
16"	3"x4"	13 1/2"	8"	13 1/2"

List, \$4.00



No. 57

Height	Outlet	Face	Depth	Height
13"	2"x3"	14 1/2"	7 1/2"	13"
13"	3"x4"	15 1/2"	8 1/2"	13"

List, \$4.00

Discount.....Per Cent

Note: All Conductor Heads are made to order only and are not returnable

Ornamental Conductor Straps

Galvanized Steel, "Toncan" Metal and Copper

To fit conductor pipe of the following sizes:

	2 x 3	3 x 4	4 x 5	5 x 6
Style A	\$1.20	\$1.20	\$1.30	\$1.40
Style B	.80	.80	.90	1.00
Style C	1.20	1.20	1.30	1.40
Style D	.80	.80	.90	1.00
Style E	1.60	1.70	1.90	2.00

Discount.....%

Note: Made to order only and not returnable

When ordering state whether or not pipe for which straps are wanted sets close to wall, or give dimensions from wall.

Steel and "Toncan" Metal Sheets



BLACK AND GALVANIZED

THE MOST CALLED FOR SIZES CARRIED IN STOCK

OTHER SIZES PROMPTLY FROM MILL. LOWEST MARKET PRICES

Open Hearth Black Sheets

One Pass, Cold Rolled, Box Annealed

Standard Sizes and Gauges carried in stock

Lowest market prices

Prompt shipments from mill

Uniform Color Blued Steel Sheets

(For Stove Pipe)

Clean — Smooth — Uniform Color

Standard Sizes and Gauges always in stock

Lowest market prices

Prompt shipments from mill

Follansbee's Polished Sheets

Handsome dark blue polished product, specially adapted for high-class stoves, ranges, stove pipe, elbows, etc.

Leading gauges and sizes carried in stock. Also prompt shipments from mill.

In bundles of about 150 pounds each or in cases of 300 pounds each.

Tinned Iron Sheets—4X

For Dairy and Creamery Work

30 x 72

36 x 72

36 x 84

Lowest market prices



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

WEIGHTS PER SQUARE FOOT OF BLACK AND GALVANIZED STEEL SHEETS ROLLED ACCORDING TO UNITED STATES STANDARD GAUGE

GAUGE	APPROXIMATE THICKNESS OF AN INCH			WEIGHT PER SQUARE FOOT IN LBS	
	IN IRON		IN STEEL	BLACK	GALVANIZED
	(FRACTIONS)	(DECIMALS)	(DECIMALS)		
7-0	1/2	.5	.....	20.	.....
6-0	15/32	.46875	.....	18.75	.....
5-0	7/16	.4375	.....	17.50	.....
4-0	13/32	.40625	.....	16.25	.....
3-0	3/8	.375	.....	15.	.....
2-0	11/36	.34375	.....	13.75	.....
0	5/16	.3125	.....	12.50	.....
1	9/32	.28125	.....	11.25	.....
2	17/64	.265625	.....	10.625	.....
3	1/4	.25	.....	10.	.....
4	15/64	.234375	.2298	9.375	.....
5	7/32	.21875	.2145	8.75	.....
6	13/64	.203125	.1991	8.125	.....
7	3/16	.1875	.1838	7.5	.....
8	11/64	.171875	.1685	6.875	7.031
9	5/32	.15625	.1532	6.25	6.406
10	9/64	.140625	.1379	5.625	5.781
11	1/8	.125	.1225	5.	5.156
12	7/64	.109375	.1072	4.375	4.531
13	3/32	.09375	.0919	3.75	3.906
14	5/64	.078125	.0766	3.125	3.281
15	9/128	.0703125	.0689	2.8125	2.969
16	1/16	.0625	.0613	2.5	2.656
17	9/160	.05625	.0551	2.25	2.406
18	1/20	.05	.0490	2.	2.156
19	7/160	.04375	.0429	1.75	1.906
20	3/80	.0375	.0368	1.50	1.656
21	11/320	.034375	.0337	1.375	1.531
22	1/32	.03125	.0306	1.25	1.406
23	9/320	.028125	.0276	1.125	1.281
24	1/40	.025	.0245	1.	1.156
25	7/320	.021875	.0214	.875	1.031
26	3/160	.01875	.0184	.75	.906
27	11/640	.0171875	.0168	.6875	.844
28	1/64	.015625	.0153	.625	.781
29	9/640	.0140625	.0138	.5625	.719
30	1/80	.0125	.0123	.5	.656
31	7/640	.0109375	.0107	.4375	.594
32	13/1280	.01015625	.0100	.40625	.563
33	3/320	.009375	.0092	.375	.531
34	11/1280	.00859375	.0084	.34375	.500
35	5/640	.0078125	.0077	.3125	....
36	9/1280	.00703125	.0069	.28125	....
37	17/2560	.006640625	.0065	.265625	....
38	1/160	.00625	.0061	.25	....
39	3/512	.005859375	.0057	.234375	....
40	7/1280	.00546875	.0054	.21875	....

Commercial Practice permits of a tonnage weight variation of 2½% either way on gauges 17 to 30 inclusive, and 5% either way on gauges 16 and heavier as produced by Sheet or Jobbing Mills.

The governing factors of this schedule are weights given in the fifth column. The thicknesses shown in the second and third columns are only approximate. The U. S. Standard gauge is a weight gauge. It has been based on the weight per square foot of wrought iron. Iron has almost entirely been superseded by steel for sheets and as steel weighs 2% more than iron of the same cubic measurements, sheet steel will actually be 2% less than the thicknesses shown in column three but will be the thicknesses given in column four.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Bundling Table of Galvanized Sheets

Showing weights, in standard sizes, sheets and bundles (without bands) and number of sheets in one bundle

GAUGES	10			11			12			13			14			15		
SIZE OF SHEET	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE
24 x 72	69.37	2	139	61.87	3	186	54.37	3	163	46.87	3	141	39.37	4	157	35.62	4	142
26 x 72	75.16	2	150	67.03	2	134	58.91	3	177	50.78	3	152	42.66	4	171	38.59	4	154
28 x 72	80.94	2	162	72.19	2	144	63.44	2	127	54.69	3	164	45.94	3	138	41.56	4	166
30 x 72	86.72	2	173	77.34	2	155	67.97	2	136	58.59	3	176	49.22	3	148	44.53	3	134
36 x 72	104.06	2	208	92.81	2	186	81.56	2	163	70.31	2	141	59.06	3	177	53.44	3	160
24 x 84	80.94	2	162	72.19	2	144	63.44	2	127	54.69	3	138	45.94	3	138	41.56	4	166
26 x 84	87.64	2	175	78.1	2	156	63.69	2	137	59.22	3	178	49.74	3	149	45.01	3	135
28 x 84	94.41	2	189	84.26	2	168	74.00	2	148	63.79	3	191	53.58	3	161	48.48	3	145
30 x 84	101.17	2	202	90.23	2	180	79.30	2	159	68.36	2	137	57.42	3	172	51.95	3	156
36 x 84	121.41	1	121	108.28	2	217	95.16	2	190	82.03	2	164	68.91	2	138	62.34	2	125
24 x 96	92.50	2	185	82.50	2	165	72.50	2	145	62.50	2	125	52.50	3	157	47.50	3	142
26 x 96	100.19	2	200	89.36	2	179	78.53	2	157	67.70	2	135	56.86	3	171	51.45	3	154
28 x 96	107.88	2	216	96.22	2	192	84.55	2	169	72.89	2	146	61.23	3	184	55.40	3	166
30 x 96	115.62	2	231	103.12	2	206	90.62	2	181	78.12	2	156	65.62	2	131	59.37	3	178
36 x 96	138.75	1	139	123.75	1	124	108.75	1	109	93.75	2	187	78.75	2	157	71.25	2	142
24 x 120	115.62	2	231	103.12	2	206	90.62	2	181	78.12	2	156	65.62	2	131	59.37	3	178
26 x 120	125.22	1	125	111.68	1	112	98.15	2	196	84.61	2	169	71.07	2	142	64.30	2	129
28 x 120	134.88	1	135	120.30	1	120	105.71	2	211	91.13	2	182	76.55	2	153	69.26	2	139
30 x 120	144.53	1	145	128.91	1	129	113.28	1	113	97.66	2	195	82.03	2	164	74.22	2	148
36 x 120	173.44	1	173	154.69	1	155	135.94	1	136	117.19	1	117	98.44	2	197	89.06	2	178

GAUGES	16			17			18			19			20			21		
SIZE OF SHEET	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE
24 x 72	31.87	5	159	28.87	5	144	25.87	6	155	22.87	7	160	19.87	8	159	18.37	8	147
26 x 72	34.53	4	138	31.28	5	156	28.03	5	140	24.78	6	149	21.53	7	151	19.91	8	159
28 x 72	37.19	4	149	33.68	5	168	30.19	5	151	26.69	6	160	23.19	7	162	21.44	7	150
30 x 72	39.84	4	159	36.09	4	144	32.34	5	162	28.59	5	143	24.84	6	149	22.97	7	161
36 x 72	47.81	3	143	43.31	4	173	38.81	4	155	34.31	4	137	29.81	5	149	27.56	6	165
24 x 84	37.19	4	149	33.69	5	168	30.19	5	151	26.69	6	160	23.19	7	162	21.44	7	150
26 x 84	40.27	4	161	36.48	4	146	32.69	5	163	28.90	5	144	25.11	6	151	23.21	7	162
28 x 84	43.38	4	174	39.29	4	157	35.21	4	141	31.13	5	156	27.05	5	135	25.01	6	150
30 x 84	46.48	3	139	42.11	4	168	37.73	4	151	33.36	5	167	28.98	5	145	26.80	6	161
36 x 84	55.78	3	167	50.53	3	152	45.28	3	136	40.03	4	160	34.78	4	139	32.16	5	161
24 x 96	42.50	4	170	38.50	4	154	34.50	4	138	30.50	5	152	26.50	6	159	24.50	6	147
26 x 96	46.03	3	138	41.70	4	167	37.37	4	149	33.04	5	165	28.70	5	143	26.54	6	159
28 x 96	49.57	3	149	44.90	4	180	40.24	4	161	35.57	4	142	30.91	5	155	28.57	5	143
30 x 96	53.12	3	159	48.12	3	144	43.12	4	172	38.12	4	152	33.12	5	166	30.62	5	153
36 x 96	63.75	2	127	57.75	3	173	51.75	3	157	45.75	3	137	39.75	4	159	36.75	4	147
24 x 120	53.12	3	159	48.12	3	144	43.12	3	129	38.12	4	152	33.12	5	166	30.62	5	153
26 x 120	57.53	3	173	52.12	3	156	46.70	3	140	41.29	4	165	35.87	4	143	33.17	5	166
28 x 120	61.97	3	186	56.14	3	168	50.31	3	151	44.47	3	133	38.64	4	155	35.72	4	143
30 x 120	66.41	2	133	60.16	3	180	53.91	3	162	47.66	3	143	41.41	4	166	38.28	4	153
36 x 120	79.69	2	159	72.19	2	144	64.69	2	129	57.19	3	172	49.69	3	149	45.98	3	138



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Bundling Table of Galvanized Sheets

(Continued)

Showing weights, in standard sizes, sheets and bundles (without bands) and number of sheets in one bundle

GAUGES		22			23			24			25			26			27		
SIZE OF SHEET		WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE
24 x	72	16.87	9	152	15.37	10	154	13.87	11	153	12.37	12	148	10.87	14	152	10.12	15	152
26 x	72	18.28	8	146	16.66	9	150	15.03	10	150	13.41	11	148	11.78	13	153	10.97	14	154
28 x	72	19.69	8	158	17.94	8	144	16.18	9	146	14.44	11	139	12.69	12	152	11.81	13	154
30 x	72	21.09	7	148	19.22	8	154	17.34	9	156	15.47	10	155	13.59	11	149	12.66	12	152
36 x	72	25.31	6	152	23.06	7	161	20.81	7	146	18.56	8	148	16.31	9	147	15.19	10	152
24 x	84	19.69	8	158	17.94	8	144	16.19	9	146	14.44	11	159	12.69	12	152	11.81	13	154
26 x	84	21.32	7	149	19.42	8	155	17.53	8	140	15.63	10	156	13.74	11	151	12.79	12	153
28 x	84	22.96	7	161	20.92	7	146	18.88	8	151	16.84	9	152	14.80	10	148	13.78	11	152
30 x	84	24.61	6	148	22.42	7	157	20.23	7	142	18.05	8	144	15.86	10	159	14.77	10	148
36 x	84	29.53	5	148	26.91	6	161	24.28	6	146	21.66	7	152	19.03	8	152	17.72	9	159
24 x	96	22.50	7	157	20.50	7	143	18.50	8	148	16.50	9	148	14.50	10	147	13.50	11	148
26 x	96	24.37	6	146	22.20	7	155	20.04	8	160	17.87	8	143	15.71	10	157	14.62	11	146
28 x	96	26.24	6	157	23.91	6	143	21.58	7	151	19.24	8	154	16.91	9	152	15.74	10	157
30 x	96	28.12	5	141	25.62	6	154	23.12	7	162	20.62	7	144	18.12	8	145	16.87	9	152
36 x	96	33.75	5	169	30.75	6	154	27.75	6	166	24.75	7	148	21.75	7	152	20.25	8	162
24 x	120	28.12	5	141	25.62	6	154	23.12	7	162	20.62	7	144	18.12	8	145	16.87	9	152
26 x	120	30.46	5	152	27.75	6	166	25.04	6	150	22.34	7	156	19.63	8	157	18.28	8	146
28 x	120	32.81	5	164	29.89	5	149	26.98	6	162	24.06	6	144	21.44	7	148	19.68	8	157
30 x	120	35.16	4	141	32.03	5	160	28.91	5	145	25.78	6	155	22.66	7	159	21.09	7	148
36 x	120	42.19	4	169	38.44	4	154	34.69	5	173	30.94	5	155	27.19	6	163	25.31	6	152

GAUGE	28			29			30			GAUGE	28			29			30		
	WEIGHT OF SHEET	NO. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	NO. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	NO. OF SHEETS	WEIGHT OF BUNDLE		WEIGHT OF SHEET	NO. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	NO. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	NO. OF SHEETS	WEIGHT OF BUNDLE
24x72	9.37	16	150	8.62	17	147	7.87	19	150	24x96	12.50	12	150	11.50	13	149	10.50	15	157
26x72	10.16	15	152	9.34	16	149	8.53	17	145	26x96	13.54	11	149	12.46	12	150	11.37	13	148
28x72	10.94	14	153	10.06	15	151	9.19	16	147	28x96	14.58	10	146	13.41	11	148	12.25	12	147
30x72	11.72	13	152	10.78	15	162	9.84	15	148	30x96	15.62	10	156	14.37	10	144	13.12	11	144
36x72	14.06	11	155	12.94	12	155	11.81	13	154	36x96	18.75	8	150	17.25	9	155	15.75	10	157
24x84	10.94	14	153	10.06	15	151	9.19	16	147	24x120	15.62	10	156	14.37	10	144	13.12	11	144
26x84	11.84	13	154	10.90	14	153	9.95	15	149	26x120	16.92	9	152	15.57	10	156	14.21	11	156
28x84	12.76	12	153	11.74	13	153	10.72	14	150	28x120	18.23	8	146	16.77	9	151	15.31	10	153
30x84	13.67	11	150	12.58	12	151	11.48	13	149	30x120	19.53	8	156	17.97	9	162	16.41	9	148
36x84	16.41	9	148	15.09	10	151	13.78	11	152	36x120	23.44	7	164	21.56	7	151	19.69	8	158



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Bundling Table of Black Sheets

Showing weights, in standard sizes, sheets and bundles (without bands) and number of sheets in one bundle

GAUGES	10			11			12			13			14			15									
SIZE OF SHEET	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE									
24 x 72	67.5	2 135	60.	3 180	52.5	3 157	45.	3 135	37.5	4 150	33.75	4 135	24 x 72	73.13	2 146	65.	2 130	56.88	3 171	48.75	3 146	40.63	4 162	36.56	4 146
26 x 72	78.75	2 157	70.	2 140	61.25	2 122	52.5	3 157	43.75	3 131	39.38	4 157	28 x 72	84.38	2 169	75.	2 150	65.63	2 131	56.25	3 169	46.88	3 141	42.19	4 169
30 x 72	101.25	.. ..	90.	2 180	78.85	2 157	67.5	2 135	56.25	3 169	50.63	3 152	36 x 72	118.13	.. ..	105.	.. ..	91.88	2 184	78.75	2 157	65.63	2 131	59.06	2 118
24 x 84	78.75	2 157	70.	2 140	61.25	2 122	52.5	3 157	43.75	3 131	39.38	4 157	26 x 84	85.31	2 171	75.83	2 152	66.35	2 133	56.88	3 171	47.4	3 142	42.66	3 128
28 x 84	91.88	2 184	81.67	2 163	71.46	2 143	61.25	2 122	51.04	3 153	45.94	3 138	30 x 84	98.44	.. ..	87.5	2 175	76.56	2 153	65.63	2 131	54.69	3 164	49.22	3 148
36 x 84	118.13	.. ..	105.	.. ..	91.88	2 184	78.75	2 157	65.63	2 131	59.06	2 118	24 x 96	90.	2 180	80.	2 160	70.	2 140	60.	2 120	50.	3 150	45.	3 135
26 x 96	97.5	2 193	86.67	2 173	75.83	2 152	65.	2 130	54.17	3 162	48.75	3 146	28 x 96	105.	.. ..	93.33	2 187	81.67	2 163	70.	2 140	58.33	3 175	52.5	3 157
30 x 96	112.5	.. ..	100.	.. ..	87.5	2 175	75.	2 150	62.5	2 125	56.25	3 169	36 x 96	135.	.. ..	120.	.. ..	105.	.. ..	90.	2 180	75.	2 150	67.5	2 135
24 x 120	112.5	.. ..	100.	.. ..	87.5	2 175	75.	2 150	62.5	3 125	56.25	3 169	26 x 120	121.88	.. ..	108.33	.. ..	94.79	2 190	81.25	2 162	67.71	2 135	60.94	2 122
28 x 120	131.25	.. ..	116.67	.. ..	102.08	.. ..	87.5	2 175	72.92	2 146	65.63	2 131	30 x 120	140.63	.. ..	125.	.. ..	109.38	.. ..	78.13	2 156	78.13	2 156	70.31	2 141
36 x 120	168.75	.. ..	150.	.. ..	131.25	.. ..	112.5	.. ..	93.75	2 187	84.38	2 169													

GAUGES	16			17			18			19			20			21									
SIZE OF SHEET	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS OF BUNDLE									
24 x 72	30.	5 150	27.	6 162	24.	6 144	21.	7 147	18.	8 144	16.5	9 148	26 x 72	32.5	5 162	29.25	5 146	26.	6 156	22.75	7 159	19.5	8 156	17.88	8 143
28 x 72	35.	4 140	31.5	5 157	28.	5 140	24.5	6 147	21.	7 147	19.25	8 154	30 x 72	37.5	4 150	33.75	4 135	30.	5 150	26.25	6 157	22.5	7 157	20.63	7 144
36 x 72	45.	3 135	40.5	4 162	36.	4 144	31.50	5 157	27.	5 135	24.75	6 148	24 x 84	35.	4 140	31.5	5 157	28.	5 140	24.5	6 147	21.	7 147	19.25	8 154
26 x 84	37.92	4 152	34.13	4 136	30.33	5 152	26.54	6 159	22.75	7 147	20.85	8 154	28 x 84	40.83	4 163	36.75	4 147	32.67	5 163	28.58	5 143	24.5	6 147	22.46	7 157
30 x 84	43.75	3 131	39.38	4 157	35.	4 140	30.63	4 153	26.25	6 157	24.06	6 144	36 x 84	52.5	3 157	47.25	3 142	42.	4 168	36.75	4 147	31.5	5 157	28.88	5 144
24 x 96	40.	4 160	36.	4 144	32.	5 160	28.	5 140	24.	6 147	19.25	8 154	26 x 96	43.33	3 130	39.	4 156	34.67	4 139	30.33	5 152	26.	6 156	23.83	6 143
28 x 96	46.67	3 140	42.	4 168	37.33	4 149	32.67	5 163	28.	5 140	25.67	5 154	30 x 96	50.	3 150	45.	3 135	40.	4 160	35.	4 140	30.	5 150	27.5	6 165
36 x 96	60.	2 120	54.	3 162	48.	4 144	42.	4 168	36.	4 144	33.	5 165	24 x 120	50.	3 150	45.	3 135	40.	4 160	35.	4 140	30.	5 150	27.5	5 137
26 x 120	54.17	3 162	48.75	3 146	43.33	3 130	37.92	4 152	32.5	5 160	27.5	5 137	28 x 120	58.33	3 175	52.5	3 157	46.67	3 140	40.83	4 163	35.	4 140	32.08	5 160
30 x 120	62.5	2 125	56.25	3 169	50.	3 150	43.75	3 131	37.5	4 150	34.38	4 131	36 x 120	75	2 150	67.5	2 135	60.	2 120	52.5	3 157	45.	3 135	41.25	4 165



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Bundling Table of Black Sheets

(Continued)

Showing weights, in standard sizes, sheets and bundles (without bands) and number of sheets in one bundle

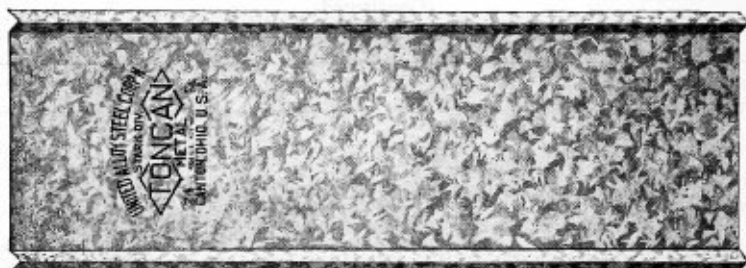
GAUGES	22			23			24			25			26			27		
	SIZE OF SHEET	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE
24 x 72	15.	10	150	13. 5	11	148	12.	12	144	10. 5	14	147	9.	16	144	8. 25	18	148
26 x 72	16. 25	9	146	14. 63	10	146	13.	11	143	11. 38	13	148	9. 75	15	146	8. 94	16	143
28 x 72	17. 5	8	140	15. 75	9	142	14.	11	154	12. 25	12	147	10. 5	14	147	9. 63	16	154
30 x 72	18. 75	8	150	16. 88	9	152	15.	10	150	13. 13	11	144	11. 25	13	146	10. 31	14	144
36 x 72	22. 5	7	157	20. 25	7	142	18.	8	144	15. 75	9	142	13. 5	11	148	12. 38	12	148
24 x 84	17. 5	8	140	15. 75	9	142	14.	11	154	12. 25	12	147	10. 5	14	147	9. 63	15	144
26 x 84	18. 96	8	152	17. 06	9	154	15. 17	10	152	13. 27	11	146	11. 38	13	148	10. 43	13	146
28 x 84	20. 42	7	143	18. 38	8	147	16. 33	9	147	14. 29	10	143	12. 25	12	147	11. 23	13	146
30 x 84	21. 88	7	153	19. 69	8	157	17. 5	8	140	15. 31	10	153	13. 13	11	144	12. 03	12	144
36 x 84	26. 65	6	157	23. 63	6	142	21.	7	147	18. 38	8	147	15. 75	9	142	14. 44	10	144
24 x 96	20.	7	140	18.	8	144	16.	9	144	14.	10	140	12.	12	144	11.	13	143
26 x 96	21. 67	7	152	19. 5	8	156	17. 33	9	156	15. 17	10	152	13.	11	143	11. 92	12	143
28 x 96	23. 33	6	140	21.	7	147	18. 67	8	149	16. 33	9	147	14.	11	154	12. 83	12	154
30 x 96	25.	6	150	22. 5	7	157	20.	7	140	17. 5	8	140	15.	10	150	13. 75	11	151
36 x 96	30.	5	150	27.	6	162	24.	6	144	21.	7	147	18.	8	144	16. 5	9	148
24 x 120	25.	6	150	22. 5	7	157	20.	7	140	17. 5	8	140	15.	10	150	13. 75	11	151
26 x 120	27. 08	6	162	24. 38	6	146	21. 67	7	152	18. 96	8	152	16. 25	9	146	14. 9	10	149
28 x 120	29. 17	5	146	26. 25	6	157	23. 33	6	140	20. 42	7	143	17. 5	8	140	16. 40	9	144
30 x 120	31. 25	5	156	28. 13	5	141	25.	6	150	21. 88	7	153	18. 75	8	150	17. 19	9	155
36 x 120	37. 5	4	150	33. 75	5	169	30.	5	150	26. 25	6	157	22. 5	7	157	20. 63	8	165

GAUGE	28			29			30			GAUGE	28			29			30		
	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE		WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE	WEIGHT OF SHEET	No. OF SHEETS	WEIGHT OF BUNDLE
24x72	7.5	20	150	6.75	22	148	6.25	25	150	24x96	10.83	15	150	9.75	16	144	8.67	18	144
26x72	8.13	18	146	7.31	20	146	6.5	23	149	26x96	10.83	14	152	9.75	15	146	8.67	17	147
28x72	8.75	17	149	7.88	19	150	7.21	24	147	28x96	11.67	13	152	10.5	14	147	9.33	16	149
30x73	9.38	16	150	8.44	18	152	7.5	20	150	30x96	12.5	12	150	11.25	13	146	10.15	15	150
36x72	11.25	13	146	10.13	15	152	9.16	14	144	36x96	15.10	10	150	13.5	11	148	12.12	12	144
24x84	8.75	17	149	7.88	19	150	7.21	24	147	24x120	12.5	12	150	11.25	13	146	10.15	15	150
26x84	9.48	16	152	8.53	17	145	7.58	19	144	26x120	13.54	11	149	12.19	12	146	10.83	14	152
28x84	10.21	14	143	9.19	16	147	8.17	19	155	28x120	14.58	10	146	13.13	11	144	11.67	14	163
30x84	10.94	14	153	9.84	15	148	8.75	17	149	30x120	15.63	10	156	14.06	11	155	12.5	12	150
36x84	13.13	11	144	11.81	13	154	10.5	14	147	36x120	18.75	8	150	16.88	9	152	15.10	10	150

STOVE PIPE SIZES

Gauge	26			27			28			29		
Size of Sheet	Wt. of Sheets	No. of Sheets	Wt. of Bundle	Wt. of Sheets	No. of Sheets	Wt. of Bundle	Wt. of Sheets	No. of Sheets	Wt. of Bundle	Wt. of Sheets	No. of Sheets	Wt. of Bundle
24 x 101	12. 63	12	151	11. 57	12	139	10. 52	14	147	9. 47	16	151

Steel and "Toncan" Metal, V Shaped Roofing

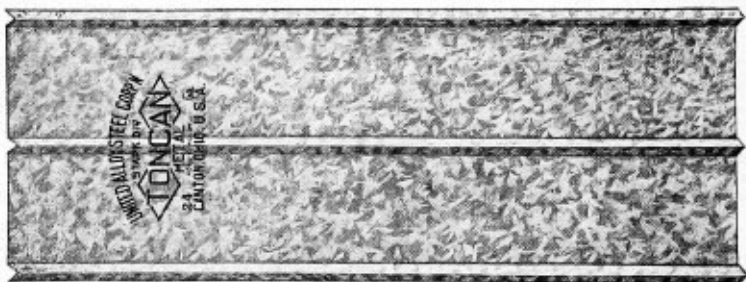


V-Crimped Roofing, made from No. 20 gauge and lighter, Black, Painted or Galvanized Sheets. We recommend this roof to those wishing a good, cheap and durable covering for barns, warehouses, saw mills, cotton sheds, etc.

Cut shows sheet of our Pressed V Crimp Roofing as shipped. Sheet will lay 24 inches from center to center of crimps, and is furnished in 5, 6, 7, 8, 9 and 10-foot lengths. Nails and dry paint, when ordered, are also furnished but are charged separately.

One square consists of $6\frac{1}{2}$ sheets, 24 x 96 inches, or equivalent, and will lay one square less the lock or lap at end of sheets. Triangular wood reinforcing strips furnished at an extra charge when ordered.

Three V Crimp Roofing



Shows our Pressed Three V Crimp Roofing. The Center V stiffens the sheet and prevents rattling. The sheet lays two feet, being 24 inches from center to center of outside V. The number of sheets to a square, quality and weight, same as Two V Crimp. Also Five V Crimp Roofing furnished.

Roll Roofing



Plain or Self-Capping Roll Roofing

Made from No. 24 gauge and lighter, Black, Painted or Galvanized Sheets, $26\frac{1}{2}$ inches wide.

Each roll contains 50 lineal feet, and when applied in the usual manner will cover 100 square feet of surface.

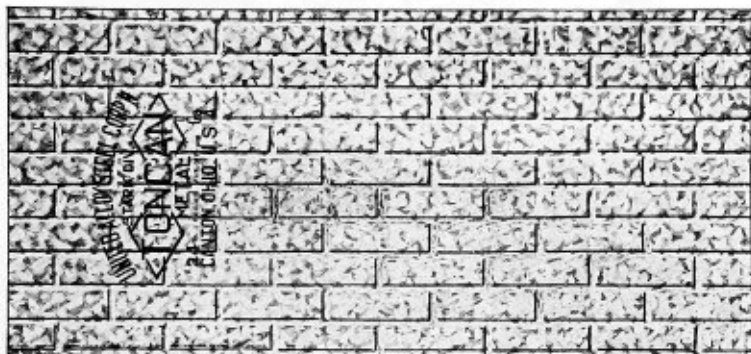
Cleats furnished if desired. Cross locks are single seamed, but double-seamed locks can be furnished.



THE SKYLINE OF THE NATION ENDORSES US
59 NORTH SECOND ST., L. D. BERGER COMPANY PHILADELPHIA, PA.

Steel and "Toncan" Metal Siding

Furnished Painted and Galvanized

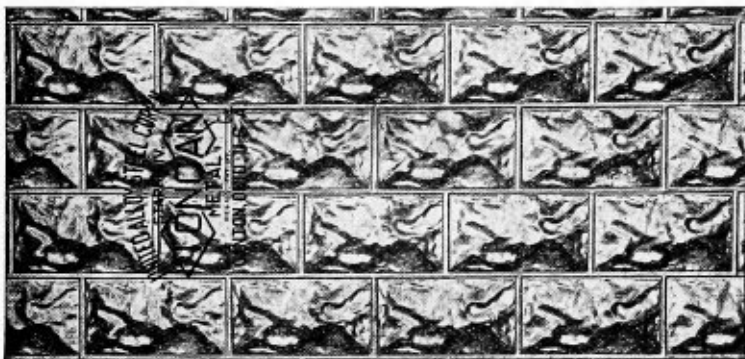


PRESSED BRICK SIDING

Sheets, 60 x 28 inches. Size of bricks, $2\frac{1}{2}$ x $8\frac{1}{4}$ inches.

ROCK FACED BRICK SIDING

Sheets, 60 x 28 inches. Size of single bricks, $2\frac{1}{2}$ x $8\frac{1}{4}$ inches.



ROCK FACED STONE SIDING

Sheets, 60 x 28 inches.

No. 1 Size of single stone, 7 x 12 inches. No. 2 Size of single stone, 9 x 20 inches.
1 square consists of $8\frac{1}{2}$ sheets.

ALSO WEATHER BOARD SIDING

Covering width, 24 inches. Each sheet shows 6 boards 4 inches wide. Lengths: 5, 6, 7, 8, 9 and 10 feet. This form of siding is used very extensively on frame buildings, and can be applied directly to studding or on rough sheathing.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Two Inch Roll, Corrugated Ridge Roll, to Fit $1\frac{1}{4}$ and $2\frac{1}{2}$ Inch Corrugations



For Plain Ridge Roll see Page 31

Corrugated Sheets, Steel and "Toncan" Metal

PAINTED OR GALVANIZED

Corrugations one and one-quarter inches from center to center, and three-eighths of an inch deep. This is used mostly for Ceilings, Sidings and Partitions. Sheets when corrugated measure 25 inches wide and will cover 24 inches from center to center of outside corrugations.

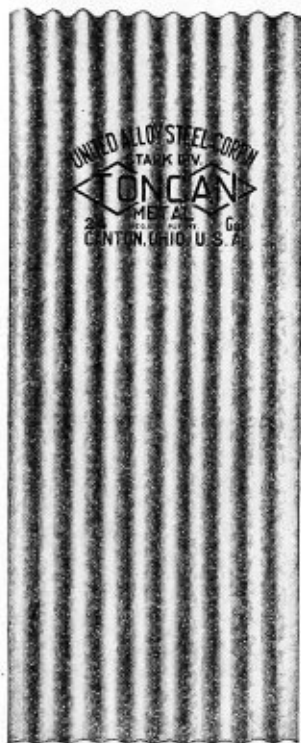
Corrugations two and one-half inches from center to center, and five-eighths of an inch deep. This style is suitable for Roofing, Siding, Partitions, Curved Ceilings and Awnings. Sheets when corrugated measure 26 inches wide, and will cover 24 inches from center to center outside of corrugations.

Corrugated Sheets, 5, 6, 7, 8, 9, 10, 11 and 12 feet in length. In any gauge from Nos. 16 to 28 inclusive.

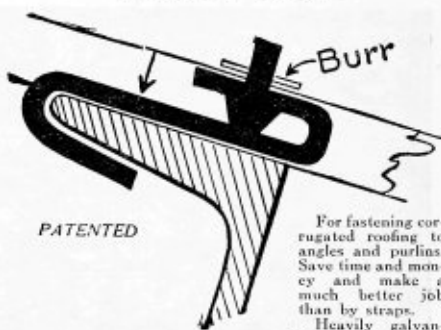
NOTE: 11 and 12 feet lengths take a small extra.

Usually one pound $1\frac{1}{2}$ -inch barbed nails and one-third pound lead washers are required to lay one square corrugated roofing.

Corrugated roofing $27\frac{1}{2}$ inches wide also furnished Lowest market prices.

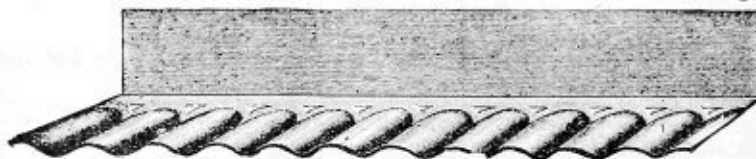


Pfeifer Clip



For fastening corrugated roofing to angles and purlins. Save time and money and make a much better job than by straps. Heavily galvanized.

Corrugated End and Side Wall Flashing. Cut Illustrates End Wall Flashing



Painted or Galvanized Prices quoted upon application



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Standard Weights Per Square of Formed Products

NO ALLOWANCE FOR BANDS

Corrugated Roofing
Corrugated Siding
Two V-Crimped Roofing
Three V-Crimped Roofing
Pressed Standing Seam Roofing
Roll and Cap Roofing

Self-Capping Roll Roofing
Plain Brick Siding
Rock Face Brick Siding
Rock Face Stone Siding
Beaded Ceiling or Siding
Weatherboard Siding

PRODUCT	PAINTED														
GAUGE NO.	28	27	26	25	24	23	22	21	20	18	16	14	12	10	
5/8 Corrugated	71	78	85	99	113										
1 1/4 Corrugated	71	78	85	99	113	127	141	155	169						
2 Corrugated	68	75	82	95	109	122	136	149	163	216	270				
2 1/2 Corrugated Siding (26" wide)	68	75	82	95	109	122	136	149	163	216	270	338	472	607	
2 1/2 Cor. Roofing (27 1/2" wide)	69	76	83	97	110	124	137	151	165	219	274	342	478	615	
3 Corrugated	68	75	82	95	109	122	136	149	163	216	270	338	472		
Two V-Crimped, without Sticks	69	76	82	96	109	123	136	150	164						
Three V-Crimped, without Sticks	70	77	84	98	111	125	139	153	167						
Pressed Stand. Seam, without Cleats	70	77	84	98	111	125	139	153	167						
Weatherboard Siding	71	78	85	99	114	128	142								
Beaded Ceiling	69	76	82	96	109										
Roll Roofing, without Cleats	71	78	85	99	113										
Roll & Cap Roofing, Caps & Cleats	75	83	90	105	120										
Plain Brick Siding	64	70	76												
Rock Face Brick Siding	64	70	76												
Rock Face Stone Siding	64	70	76												

PRODUCT	GALVANIZED														
GAUGE NO.	29	28	27	26	25	24	23	22	21	20	18	16	14	12	10
5/8" Corrugated	81	88	95	102	116	130									
1 1/4" Corrugated	81	88	95	102	116	130	144	158	172	186					
2" Corrugated	77	84	91	98	111	125	138	151	165	178	232	286			
2 1/2" Cor. Siding (26" wide)	77	84	91	98	111	125	138	151	165	178	232	286	353	488	623
2 1/2" Cor. Roofing (27 1/2" wide)	78	85	92	99	113	126	140	153	167	181	235	290	358	494	631
3" Corrugated	77	84	91	98	111	125	138	151	165	178	232	286	353	488	
Two V-Crimped, without Sticks	78	85	91	98	112	125	139	152	166	179					
Three V-Crimped, without Sticks	79	86	93	100	114	128	142	155	169	183					
Pressed Standing Seam, without Cleats	79	86	93	100	114	128	142	155	169	183					
Weatherboard Siding	81	88	95	102	116	130	144	158							
Beaded Ceiling	78	85	91	98	112	125									
Roll Roofing, without Cleats	81	88	95	102	116	130									
Roll and Cap Roofing Caps and Cleats	85	93	100	108	122	137									
Plain Brick Siding	72	78	84	91											
Rock Face Brick Siding	72	78	84	91											
Rock Face Stone Siding	72	78	84	91											

Lead Washers

The advantage in using **Lead Washers** to corrugated iron roofing is that it makes an absolutely **water-tight joint**, prevents **leaking** and **rusting** at the nail hole, thereby prolonging the life of a roof.

About one pound of these Washers are required to lay three squares of corrugated roofing.

About one pound of 1 1/4-inch barbed roofing nails are required to lay one square of corrugated roofing.

One pound contains over 300 Washers

Price, per lb.

No. 8 (5/16-in. hole)

No. 12 (3/16-in. hole)



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Table showing number of square feet contained in from 1 to 50 sheets of the various lengths of 2½-inch, 1¼-inch Corrugated Roofing 26 inches wide

NO. SHEETS	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.
1	09	11	13	16	18	20	22	24	26
2	18	22	26	31	35	39	44	48	52
3	26	33	39	46	52	59	65	72	78
4	35	44	52	61	70	78	87	96	1 04
5	44	55	65	76	87	98	1 09	1 20	1 30
6	52	65	78	91	1 04	1 17	1 30	1 43	1 56
7	61	76	91	1 07	1 22	1 37	1 52	1 67	1 82
8	70	87	1 04	1 22	1 39	1 56	1 74	1 91	2 08
9	78	98	1 17	1 37	1 56	1 76	1 95	2 15	2 34
10	87	1 09	1 30	1 52	1 74	1 95	2 17	2 39	2 60
11	96	1 20	1 43	1 67	1 91	2 15	2 39	2 62	2 86
12	1 04	1 30	1 56	1 82	2 08	2 34	2 60	2 86	3 12
13	1 13	1 41	1 69	1 98	2 26	2 54	2 82	3 10	3 38
14	1 22	1 52	1 82	2 13	2 43	2 73	3 04	3 34	3 64
15	1 30	1 63	1 95	2 28	2 60	2 93	3 25	3 58	3 90
16	1 39	1 74	2 08	2 43	2 78	3 12	3 47	3 81	4 16
17	1 48	1 85	2 21	2 58	2 95	3 32	3 69	4 05	4 42
18	1 56	1 95	2 34	2 73	3 12	3 51	3 90	4 29	4 68
19	1 65	2 06	2 47	2 89	3 30	3 71	4 12	4 53	4 94
20	1 74	2 17	2 60	3 04	3 47	3 90	4 34	4 77	5 20
21	1 82	2 28	2 73	3 19	3 64	4 10	4 55	5 00	5 46
22	1 91	2 39	2 86	3 34	3 82	4 29	4 77	5 25	5 72
23	2 00	2 50	2 99	3 49	3 99	4 49	4 99	5 48	5 98
24	2 08	2 60	3 12	3 64	4 16	4 68	5 20	5 72	6 24
25	2 17	2 71	3 25	3 79	4 34	4 88	5 42	5 96	6 50
26	2 26	2 82	3 38	3 95	4 51	5 07	5 64	6 19	6 76
27	2 34	2 93	3 51	4 10	4 68	5 27	5 85	6 44	7 02
28	2 43	3 04	3 64	4 25	4 86	5 46	6 07	6 68	7 28
29	2 52	3 15	3 77	4 40	5 03	5 66	6 29	6 91	7 54
30	2 60	3 25	3 90	4 55	5 20	5 85	6 50	7 15	7 80
31	2 69	3 36	4 03	4 70	5 38	6 05	6 72	7 39	8 06
32	2 78	3 47	4 16	4 86	5 55	6 24	6 94	7 63	8 32
33	2 86	3 58	4 29	5 01	5 72	6 44	7 15	7 87	8 58
34	2 95	3 69	4 42	5 16	5 90	6 63	7 37	8 10	8 84
35	3 04	3 80	4 55	5 31	6 07	6 83	7 59	8 34	9 10
36	3 12	3 90	4 68	5 46	6 24	7 02	7 80	8 58	9 36
37	3 21	4 01	4 81	5 62	6 42	7 22	8 02	8 82	9 62
38	3 30	4 12	4 94	5 77	6 59	7 41	8 24	9 06	9 88
39	3 38	4 23	5 07	5 92	6 76	7 61	8 45	9 30	10 14
40	3 47	4 34	5 20	6 07	6 94	7 80	8 67	9 53	10 40
41	3 56	4 45	5 33	6 22	7 11	8 00	8 89	9 77	10 66
42	3 64	4 55	5 46	6 37	7 28	8 19	9 10	10 01	10 92
43	3 73	4 66	5 59	6 53	7 46	8 39	9 32	10 25	11 18
44	3 82	4 77	5 72	6 68	7 63	8 58	9 54	10 49	11 44
45	3 90	4 88	5 85	6 83	7 80	8 78	9 75	10 72	11 70
46	3 99	4 99	5 98	6 98	7 98	8 97	9 97	10 97	11 96
47	4 08	5 10	6 11	7 13	8 15	9 17	10 19	11 20	12 22
48	4 16	5 20	6 24	7 28	8 32	9 36	10 40	11 44	12 48
49	4 25	5 31	6 37	7 44	8 50	9 56	10 62	11 68	12 74
50	4 34	5 42	6 50	7 59	8 67	9 75	10 84	11 92	13 00



59 NORTH SECOND ST. **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Table showing number of square feet contained in from 51 to 100 sheets of the various lengths of 2½-inch, 1¼-inch Corrugated Roofing 26 inches wide

NO. SHEETS	4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.
51	4 42	5 53	6 63	7 74	8 84	9 95	11 05	12 16	13 26
52	4 51	5 64	6 76	7 89	9 02	10 14	11 27	12 49	13 52
53	4 60	5 75	6 89	8 04	9 19	10 34	11 49	12 64	13 78
54	4 68	5 85	7 02	8 19	9 36	10 53	11 70	12 87	14 04
55	4 77	5 96	7 15	8 35	9 54	10 73	11 92	13 11	14 30
56	4 86	6 07	7 28	8 50	9 71	10 92	12 14	13 35	14 56
57	4 94	6 18	7 41	8 65	9 88	11 12	12 35	13 59	14 82
58	5 03	6 29	7 54	8 80	10 06	11 31	12 57	13 83	15 08
59	5 12	6 40	7 67	8 95	10 23	11 51	12 79	14 06	15 34
60	5 20	6 50	7 80	9 10	10 40	11 70	13 00	14 30	15 60
61	5 29	6 61	7 93	9 26	10 58	11 90	13 22	14 54	15 86
62	5 38	6 72	8 06	9 41	10 75	12 09	13 44	14 78	16 12
63	5 46	6 83	8 19	9 56	10 92	12 29	13 65	15 02	16 38
64	5 55	6 94	8 32	9 71	11 10	12 48	13 87	15 25	16 64
65	5 64	7 05	8 45	9 86	11 27	12 68	14 09	15 49	16 90
66	5 72	7 15	8 58	10 01	11 44	12 87	14 30	15 73	17 16
67	5 81	7 26	8 71	10 17	11 62	13 07	14 52	15 97	17 42
68	5 90	7 37	8 84	10 32	11 79	13 26	14 74	16 21	17 68
69	5 98	7 48	8 97	10 47	11 96	13 46	14 95	16 45	17 94
70	6 07	7 59	9 10	10 62	12 14	13 65	15 17	16 68	18 20
71	6 16	7 70	9 23	10 77	12 31	13 85	15 39	16 92	18 46
72	6 24	7 80	9 36	10 92	12 48	14 04	15 60	17 16	18 72
73	6 33	7 91	9 49	11 08	12 66	14 24	15 82	17 40	18 98
74	6 42	8 02	9 62	11 23	12 83	14 43	16 04	17 64	19 24
75	6 50	8 13	9 75	11 38	13 00	14 63	16 25	17 88	19 50
76	6 59	8 24	9 88	11 53	13 18	14 82	16 47	18 12	19 76
77	6 68	8 35	10 01	11 68	13 35	15 02	16 69	18 36	20 02
78	6 76	8 45	10 14	11 83	13 52	15 21	16 90	18 59	20 28
79	6 85	8 56	10 27	11 90	13 70	15 41	17 12	18 83	20 54
80	6 94	8 67	10 40	12 14	13 87	15 60	17 34	19 07	20 80
81	7 02	8 78	10 53	12 29	14 04	15 80	17 55	19 31	21 06
82	7 11	8 89	10 66	12 44	14 22	15 99	17 77	19 55	21 32
83	7 20	9 00	10 79	12 59	14 39	16 19	17 99	19 79	21 58
84	7 28	9 10	10 92	12 74	14 56	16 38	18 20	20 02	21 84
85	7 37	9 21	11 05	12 90	14 74	16 58	18 42	20 26	22 10
86	7 46	9 32	11 18	13 05	14 91	16 77	18 64	20 50	22 36
87	7 54	9 43	11 31	13 20	15 08	16 97	18 85	20 74	22 62
88	7 63	9 54	11 44	13 35	15 26	17 16	19 07	20 98	22 88
89	7 72	9 65	11 57	13 50	14 43	17 36	19 29	21 22	23 14
90	7 80	9 75	11 70	13 65	15 60	17 55	19 50	21 45	23 40
91	7 89	9 86	11 83	13 81	15 78	17 75	19 72	21 69	23 66
92	7 98	9 97	11 96	13 96	15 95	17 94	19 94	21 93	23 92
93	8 06	10 08	12 09	14 11	16 12	18 14	20 15	22 17	24 18
94	8 15	10 19	12 22	14 26	16 30	18 33	20 37	22 41	24 44
95	8 24	10 30	12 35	14 41	16 47	18 53	20 59	22 65	24 70
96	8 32	10 40	12 48	14 56	16 64	18 72	20 80	22 88	24 96
97	8 41	10 51	12 61	14 72	16 82	18 92	21 02	13 12	25 22
98	8 50	10 62	12 74	14 87	16 99	19 11	21 24	23 36	25 48
99	8 58	10 73	12 87	15 02	17 16	19 31	21 45	23 60	25 74
100	8 67	10 84	13 00	15 17	17 34	19 50	21 67	23 84	26 00



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Sheet Copper

Due to the fluctuations of the market, prices can only be quoted for immediate delivery.

Differentials added for Cold Rolling, Polishing, and Tinning at prevailing market prices.

SHEET COPPER

OUNCES PER SQ. FT. AND EQUIVALENT THICKNESS IN INCHES		NEAREST B. & S. GAUGE
OUNCES	INCHES	
24	.0324	20
20	.0270	21
18	.0243	22
16	.0216	23
15	.0203	24
14	.0189	25
13	.0176	25
12	.0162	26
11	.0149	27
10	.0135	27
9	.0122	28
8	.0108	29
7	.0095	30

Best Adapted for Roofing

14 oz. or 16 oz. Cold Rolled

For Valley's and Flashings

14 oz. or 16 oz. Soft

These gauges in 24" x 96"—30" x 96"—
36" x 96". Always carried in stock. Other
sizes and gauges furnished at short notice.

Sheet Brass

Soft, for Name Plates

12 inches wide, No. 26 gauge. Price per pound,

Sheet Lead

Approx. thickness, inches	$\frac{1}{64}$	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Weight per sq. ft., pounds	1	1½	2	2½	3	4	5	6	8	16

Brass Milk Strainer Wire Cloth

40 Mesh - 50 Mesh - 60 Mesh

Furnished in Rools 12 inches wide, 5 feet long

Prices on application

Apollo Nickel Zinc

The Metal for 100 Uses

Being rustproof and alkali resisting, high nickel polish finish, looks like silver. It is a combination of nickel and zinc, easily kept clean by rubbing with a dry cloth. Pliable and easily worked; just the metal for heat or light reflectors, covering table tops, etc., sanitary and labor saving.

For convenience the sheets are made standard and in the following sizes of No. 9 gauge (.018") Apollo Nickel Zinc:

32" x 54" Weighs 8 lbs. per sheet 30" x 96" Weighs 13½ lbs. per sheet
36" x 84" Weighs 14 lbs. per sheet 36" x 96" Weighs 16 lbs. per sheet

Other gauges and sheet sizes can also be supplied



59 NORTH SECOND ST., L. D. BERGER COMPANY PHILADELPHIA, PA.

Sheet Copper

SIZES OF SHEETS		CENTS PER POUND OVER BASE PRICE																Light than 8 oz. 6000's	
WIDTHS	LENGTHS	Inc. 64 oz. (864) to 1/2 lb.	Inc. 68 oz. (864) to 1/2 lb.	Inc. 72 oz. (864) to 1/2 lb.	Inc. 76 oz. (864) to 1/2 lb.	Inc. 80 oz. (864) to 1/2 lb.	Inc. 84 oz. (864) to 1/2 lb.	Inc. 88 oz. (864) to 1/2 lb.	Inc. 92 oz. (864) to 1/2 lb.	Inc. 96 oz. (864) to 1/2 lb.	Inc. 100 oz. (864) to 1/2 lb.	Inc. 104 oz. (864) to 1/2 lb.	Inc. 108 oz. (864) to 1/2 lb.	Inc. 112 oz. (864) to 1/2 lb.	Inc. 116 oz. (864) to 1/2 lb.	Inc. 120 oz. (864) to 1/2 lb.			
Inc. 6 in. Not wider than 30 ins.	Not longer than 24 ins.	Base	Base	Base	Base	2	2 1/2	3	3 1/2	5	7	9	11 1/2	14	17	21			
	Longer than 24 ins. Not longer than 30 ins.	Base	Base	Base	Base	1	1 1/2	2	2 1/2	4	5	7	8 1/2	10	12	14			
	Longer than 30 ins. Not longer than 36 ins.	Base	Base	Base	Base	1	1 1/2	2	2 1/2	4 1/2	5 1/2	7 1/2	9 1/2	11	13	16			
	Longer than 36 ins. Not longer than 42 ins.	Base	Base	Base	Base	2	2 1/2	3	3 1/2	5	6 1/2	8	11	12 1/2	15	18			
	Longer than 42 ins. Not longer than 48 ins.	Base	Base	Base	Base	3	3 1/2	4	4 1/2	5 1/2	7 1/2	9 1/2	13	15	18	21			
Wider than 30 ins. not wider than 36 ins.	Not longer than 24 ins.	Base	Base	Base	Base	1	2	2 1/2	3	3 1/2	5	6 1/2	8	9 1/2	12	15	18		
	Longer than 24 ins. Not longer than 30 ins.	Base	Base	Base	1/2	1	1 1/2	2	2 1/2	3	4	5	7	9	12	15			
	Longer than 30 ins. Not longer than 36 ins.	Base	Base	Base	1/2	1	1 1/2	2	2 1/2	3 1/2	4 1/2	5 1/2	8	10 1/2	14	17			
	Longer than 36 ins. Not longer than 42 ins.	Base	Base	Base	1	1 1/2	2	2 1/2	3	4	5	6	9	12	16	19			
	Longer than 42 ins. Not longer than 48 ins.	Base	Base	Base	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	11	14	18	22		
Wider than 36 ins. not wider than 42 ins.	Not longer than 24 ins.	Base	Base	Base	Base	2	3	3 1/2	4	4 1/2	5	6 1/2	9	12 1/2	15	18	21	25	
	Longer than 24 ins. Not longer than 30 ins.	Base	Base	Base	1	1 1/2	2	2 1/2	3	4	5	6 1/2	8 1/2	11	14	17	21		
	Longer than 30 ins. Not longer than 36 ins.	Base	Base	Base	1 1/2	2	2 1/2	3	3 1/2	4 1/2	7	9	11 1/2	13 1/2					
	Longer than 36 ins. Not longer than 42 ins.	Base	Base	Base	2	3	4	5	6	7	10	13	16	19					
	Longer than 42 ins. Not longer than 48 ins.	Base	Base	Base	2	3	4	5	6	7	10	13	16	19					
Wider than 42 ins. not wider than 48 ins.	Not longer than 24 ins.	Base	Base	Base	Base	1	2	2 1/2	3	3 1/2	4	5	6 1/2	9	12	15	18	21	24
	Longer than 24 ins. Not longer than 30 ins.	Base	1/2	1/2	1	1 1/2	2	2 1/2	3	4	6	8 1/2	11	14					
	Longer than 30 ins. Not longer than 36 ins.	Base	1/2	1	1 1/2	2	2 1/2	3	4	6	9	12	15						
	Longer than 36 ins. Not longer than 42 ins.	Base	1	2	3	4	5	6	8	11	14	17	20						
	Longer than 42 ins. Not longer than 48 ins.	Base	1	2	3	4	5	6	9	12	16	20	24	28					
Wider than 48 ins. not wider than 54 ins.	Not longer than 24 ins.	Base	1/2	1	2	3	4	5	7 1/2	11	15	19	23	27					
	Longer than 24 ins. Not longer than 30 ins.	Base	1/2	1 1/2	2 1/2	3 1/2	4 1/2	6	9	13	17	22							
	Longer than 30 ins. Not longer than 36 ins.																		
	Longer than 36 ins. Not longer than 42 ins.	Base	1	2	3	5	7	9	12	16	21	26							
	Longer than 42 ins. Not longer than 48 ins.	Base	1	2	3	5	7	9	12	16	21	26							
Wider than 54 ins. not wider than 60 ins.	Not longer than 24 ins.	1	2 1/2	4 1/2	6 1/2	8 1/2	10 1/2	13	16	20									
	Longer than 24 ins. Not longer than 30 ins.	1/2	1	3	5	7	9	12	15	19									
	Longer than 30 ins. Not longer than 36 ins.	1/2	1 1/2	4	5 1/2	7 1/2	9 1/2	11 1/2											
	Longer than 36 ins. Not longer than 42 ins.	1	3	5	7	10	13	16											

Prices Quoted Upon Application

Prices Quoted Upon Application

The longest dimension of any sheet shall be considered its length

Sheets over 1/2 in. thick, or over 200 in. long—Special Prices

Rolling to an exact given thickness is not practicable. On Sheets, Bottoms and Circles, 24 oz. and lighter, a variation of not exceeding half an ounce either over or under, must be accepted as good delivery.

Contracts made with us are not to be interpreted as including the entire range of sizes covered by this list, some of which we do not sell except under special agreement.

Prices subject to change without notice and all contracts or agreements contingent upon occurrences beyond our control.

On orders aggregating less than 100 pounds, where case or crate is necessary, charge will be made, at our discretion, to cover cost of same

Perforated Tin

When ordering, be sure to specify number of holes wanted per lineal inch

STOCK SIZES

Perforations ranging from 5 to 20 holes per lineal inch.

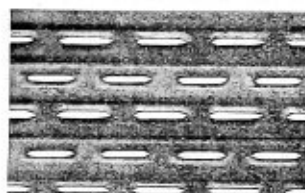
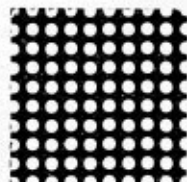
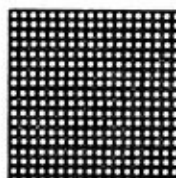
Special sizes and thicknesses made to order.

Made of full weight Bright Plates, Sheets 14 x 20.

Per dozen, net \$.....

Per sheet, net \$.....

SPECIAL PRICE PER BOX



Metal Lath

Fire-Proof

TRUSS LOOP RIGID REVERSIBLE LATH

This product is offered for uses requiring the greatest possible degree of rigidity. Sizes of sheets, 24" x 96". Put up in bundles of 9 sheets each (16 square yards).

Plaster can be applied to either or both sides (for solid partitions), the holes making a perfect mortar key, the corrugations increasing the rigidity. Adapted to both inside plaster work and outside cement construction.

Sheet Zinc

**Leading Sizes. Lowest Market Prices per Pound
 Schedule of Weight per Pound**

U. S. STANDARD GAUGE NO.	26, 27	25	24
M. & H. ZINC GAUGE NO.	9	10	11
24 x 84 inches.....	9.4	10.5	12.6
30 x 84 inches.....	11.7	13.1	15.8
32 x 84 inches.....	12.5	14.0	16.8
36 x 84 inches.....	14.1	15.7	18.9
40 x 84 inches.....	15.6	17.5	21.0
42 x 84 inches.....	16.4	18.4	22.0
48 x 84 inches.....	18.8	21.0	25.2
52 x 84 inches.....	20.3	22.7	27.3

Zinc Gauge can be maintained only approximately

GAUGE NUMBER	INCHES THICK	SQ. FT. POUNDS
11	.024	.90
10	.020	.75
9	.018	.67





GAUGES

OWING to the different systems of gauge numbers used in connection with the various materials that we handle, we deem it of prime importance to give a table showing the values (or thicknesses) of the gauges most commonly referred to. While material can usually be made according to any gauge system, custom has dictated usages, a few of which are mentioned below.

Band and Hoop Iron or Steel and Tank Steel Plates are rolled to Birmingham Wire Gauge.

Sheet Steel is rolled to U. S. Standard Gauge.

Steel Wire (except telephone and telegraph) is drawn to Washburn & Moen Gauge, but is used by most wire makers under their own name.

Steel or iron telephone and telegraph wire is generally drawn to Birmingham Wire Gauge.

Copper Wire is drawn to Brown & Sharpe's Gauge.

Sheet Copper, Brass, Bronze and German Silver are rolled to Brown & Sharpe's gauge.

Sheet Zinc is rolled according to a "Zinc Gauge," and is used by sheet zinc manufacturers under their own name.

COMPARISON OF WIRE GAUGES

(Thicknesses of Gauge Numbers are given in Decimals of an Inch)

FRACTIONS OF INCH	U. S. STANDARD		STUBS, BIRMINGHAM, ENGLISH STANDARD		B. & S. AND AMERICAN		WASHBURN & MOEN		SHEET COPPER IN OUNCES PER SQ. FT.		SHEET ZINC	
	GA. NO.	THICK- NESS	GA. NO.	THICK- NESS	GA. NO.	THICK- NESS	GA. NO.	THICK- NESS	OZ.	THICK- NESS	GA. NO.	THICK- NESS
1/2	7-0	.5	..	....	4-0	....	7-0	.4900	..	....	27	.5
15/32	6-0	.4688	..	....	4-0	.460	6-0	.4615	..	....	..	....
7/16	5-0	.4375	4-0	.454	..	....	5-0	.4305	..	....	..	....
13/32	4-0	.4062	3-0	.425	3-0	.4096	4-0	.3938	..	....	..	....
3/8	3-0	.375	2-0	.380	2-0	.3648	3-0	.3625	..	....	26	.375
11/32	2-0	.3438	0	.340	..	....	2-0	.3310	..	....	..	....
5/16	0	.3125	1	.300	0	.3249	0	.3065	..	....	..	....
9/32	1	.2813	2	.284	1	.2893	1	.2830	..	....	..	....
17/64	2	.2656	..	....	..	....	2	.2625	..	....	..	....
1/4	3	.25	3	.259	2	.2576	3	.2437	..	....	25	.250
15/64	4	.2344	4	.238	3	.2294	..	....	..	....	..	....
7/32	5	.2188	5	.220	..	....	4	.2253	..	....	..	....
13/64	6	.2031	6	.203	4	.2043	5	.2070	..	....	..	....
3/16	7	.1875	7	.180	5	.1918	6	.1920	..	....	..	....
							7	.1770	..	....	..	....
11/64	8	.1719	8	.165	..	....	..	....	..	....	..	....
5/32	9	.1563	..	....	6	.1620	8	.1620	..	....	..	....
9/64	10	.1406	9	.148	7	.1443	9	.1483	..	....	..	....
							10	.1350	..	....	..	....
1/8	11	.125	10	.134	8	.1285	11	.1205	96 88	.1296 .1188	24	.125
7/64	12	.1094	11	.120	9	.1144	12	.1055	80	.1080	..	....
			12	.109	10	.1019	..	....	..	....	..	....
3/32	13	.0938	13	.095	11	.0907	13	.0915	72	.0972	23	.100
									64	.0864	22	.090
5/64	14	.0781	14	.083	12	.0808	14	.0800	56	.0756	21	.080
9/128	15	.0703	15	.072	13	.0720	15	.0720	52	.0702	20	.070
1/16	16	.0625	16	.065	14	.0641	16	.0625	48	.0648	19	.060
9/160	17	.0563	17	.058	15	.0571	17	.0540	44	.0594	18	.055
									40	.0540	..	....
1/20	18	.05	18	.049	16	.0508	18	.0475	36	.0486	17	.050
7/160	19	.0438	19	.042	17	.0453	19	.0410	32	.0432	16	.045
3/80	20	.0375	..	....	18	.0403	..	....	28	.0378	15	.040
11/320	21	.0344	20	.035	19	.0359	20	.0348	26	.0351	14	.036
1/32	22	.0313	21	.032	20	.0320	21	.0318	24	.0324	13	.032
9/320	23	.0281	22	.028	21	.0285	22	.0286	20	.0270	12	.028
1/40	24	.025	23	.025	22	.0253	23	.0258	18	.0243	11	.024
7/320	25	.0219	24	.022	23	.0226	24	.0230	16	.0216	10	.020
					24	.0201	25	.0204	..	....	..	....
3/160	26	.0188	25	.020	..	....	26	.0181	14	.0189	9	.018
			26	.018	..	....	..	....	..	....	..	....
11/640	27	.0172	26	.018	25	.0179	27	.0173	13	.0175	..	....
1/64	28	.0156	27	.016	26	.0159	28	.0162	12	.0162	8	.016
							29	.0150	..	....	..	....
9/640	29	.0141	28	.014	27	.0142	30	.0140	10	.0135	7	.014
							31	.0132	..	....	..	....
1/80	30	.0125	29	.013	28	.0126	32	.0128	9	.0121	6	.012
			30	.012	..	....	..	....	..	....	..	....
7/640	31	.0109	..	....	29	.0113	33	.0118	8	.0108	5	.010
13/1280	32	.0102	31	.010	30	.0100	34	.0104	..	....	..	....
3/320	33	.0094	32	.009	31	.0089	35	.0095	7	.0094	..	....
11/1280	34	.0086	..	....	..	....	35	.0090	..	....	..	....
							37	.0085	..	....	..	....
5/640	35	.0078	33	.008	32	.0080	38	.0080	..	....	4	.008
9/1280	36	.0070	34	.007	33	.0071	..	....	6	..	..	....
17/2560	37	.0066	..	....	..	....	..	....	4	.0067	..	....
1/160	38	.0063	..	....	34	.0063	..	....	..	....	..	....
3/512	39	.0059	..	....	..	....	..	....	..	....	3	.006
7/1280	40	.0055	..	....	35	.0056	..	....	4	.0054	..	....



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Flat-Seam Roofing



Fig 1 First step; edges turned over

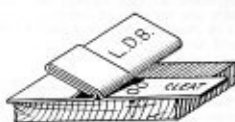


Fig 2 Cleat inserted

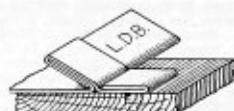


Fig 3 End of cleat turned over nail-heads



Fig 4 Adjoining sheets in position



Fig 5 Flat seam finished showing cleat

Standing-Seam Roofing

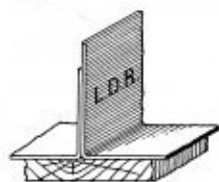


Fig 5 Adjoining edges turned up

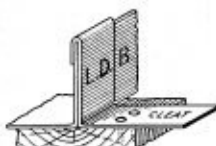


Fig 7 Cleat inserted



Fig 8 End of cleat turned over nail heads

Working Specifications



Fig 9 Adjoining sheet in position

Standing Seam—The sheets shall be put together in long lengths in the shop the cross seams locked together and well soaked with solder. All standing-seam roofing shall be applied the narrow way fastened with cleats spaced one foot apart.



Fig 11 Second step showing seam turned half over

Flat Seam—To be laid on the roof one sheet at a time fastened to the sheathing-boards with cleats using three cleats to each sheet two on the long side and one on the short side—two one-inch barbed wire nails to each cleat turning the end of the cleat over the heads of the nails. No nails to be driven through the sheets under any circumstances.

Valleys and gutters shall be formed with flat seams using sheets the narrow way.



Fig 10 First step in forming lock; top of sheet turned over

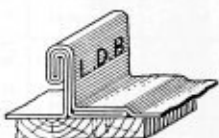


Fig 12 Standing seam finished showing cleat



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Flat Seam Tin Roofing

The following table shows the number of plates or sheets, size 14 x 20 inches, required to cover a given number of square feet with flat seam tin roofing. A sheet of 14 x 20 inches with $\frac{1}{2}$ -inch edges measures, when edged or folded, 13 x 19 inches, or 247 square inches. In the table below all fractional parts of a sheet are counted a full sheet.

Common sizes of ternes, 10 x 14 and multiples thereof. Sizes generally used are 10 x 14 and 20 x 28

NO. OF Sq. Ft.	SHEETS REQUIRED	NO. OF Sq. Ft.	SHEETS REQUIRED	NO. OF Sq. Ft.	SHEETS REQUIRED	NO. OF Sq. Ft.	SHEETS REQUIRED	NO. OF Sq. Ft.	SHEETS REQUIRED
100	59	280	164	460	269	640	374	820	479
110	65	290	170	470	275	650	379	830	484
120	70	300	175	480	280	660	385	840	490
130	76	310	181	490	286	670	391	850	496
140	82	320	187	500	292	680	397	860	502
150	88	330	193	510	298	690	403	870	508
160	94	340	199	520	304	700	409	880	514
170	100	350	205	530	309	710	414	890	519
180	105	360	210	540	315	720	420	900	525
190	111	370	216	550	321	730	426	910	531
200	117	380	222	560	327	740	432	920	537
210	123	390	228	570	333	750	438	930	543
220	129	400	234	580	339	760	444	940	549
230	135	410	240	590	344	770	449	950	554
240	140	420	245	600	350	780	455	960	560
250	146	430	251	610	356	790	461	970	566
260	152	440	257	620	362	800	467	980	572
270	158	450	263	630	368	810	473	990	578

1000 sq. ft., 583 sheets. A box of 112 sheets 14 x 20 inches will cover approximately 192 sq. ft.

Standing Seam Tin Roofing

Table showing quantity of 20 x 28 inch tin required to cover a given number of square feet with standing seam tin roofing. The standing seams and the locks on a steep roof require $2\frac{1}{4}$ inches off width, and $\frac{3}{4}$ -inch off the length of the sheet; fractional parts are counted as a full sheet. A sheet will cover 475 square inches.

NO. OF Sq. Ft.	SHEETS REQUIRED	NO. OF Sq. Ft.	SHEETS REQUIRED	NO. OF Sq. Ft.	SHEETS REQUIRED	NO. OF Sq. Ft.	SHEETS REQUIRED	NO. OF Sq. Ft.	SHEETS REQUIRED
100	31	280	85	460	140	640	194	820	249
110	34	290	88	470	143	650	197	830	252
120	37	300	91	480	147	660	200	840	255
130	40	310	94	490	149	670	203	850	258
140	43	320	97	500	152	680	206	860	261
150	46	330	100	510	155	690	210	870	264
160	49	340	103	520	158	700	212	880	267
170	52	350	106	530	161	710	215	890	270
180	55	360	109	540	164	720	218	900	273
190	58	370	112	550	167	730	221	910	276
200	61	380	115	560	170	740	224	920	279
210	64	390	118	570	173	750	228	930	282
220	67	400	122	580	176	760	231	940	285
230	70	410	125	590	180	770	234	950	288
240	73	420	128	600	182	780	237	960	291
250	76	430	131	610	185	790	240	970	294
260	79	440	134	620	188	800	243	980	297
270	82	450	137	630	191	810	246	990	300

1000 sq. ft., 303 sheets. A full box, 112 sheets 20 x 28 inches, will cover approximately 370 sq. ft.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Charcoal Fire Pots

No. 1, Large 13½" High, 8" Diam.	No. 2, Small 12½" High, 7" Diam.
Price, \$2.25 Each	Price, \$1.75 Each

They are made of 26 gauge Galvanized Iron. The No. 1 Large has a loose top with a sliding lid. The No. 2 Small has a closed top with sliding lid.

Charcoal

Clean, large lump, best grade Pine Charcoal. Specially prepared for tinner's use. Will not spit or sputter like the common grades.

Price per bag,

Approximate weight per bag, 30 lbs.



Ford Charcoal Briquets

A new form of Charcoal made of hardwood from the forests of Northern Michigan. First powdered, then formed under tremendous pressure into uniform pillow-shaped blocks about the size of nut coal. Burns twice as long, gives more heat than Lump Charcoal.

Put up in bags of 50 lbs. each.

Price per bag,



Rosin

Best grade for tinner's use. Sold in broken lots, or full casks of approximately 500 to 550 lbs.

Price regulated by quantity wanted.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Roofing Tin in Rolls



All Roll Tin put together in our own building by skilled mechanics in our direct employ, using modern equipment; every roll is absolutely straight; all seams are carefully soldered, not skimmed. We use rosin as a flux, positively no acid. Rolls generally furnished in 20 and 28-inch widths. Can furnish 10-inch and 14-inch widths if desired.

Unless otherwise ordered, we will furnish rolls single-locked, soldered and painted one side, twenty-eight sheets to the roll.

10 in. wide (56 sheets) about 126	lineal feet contain about 105 sq. ft.
14 in. wide (56 sheets) about 88 $\frac{2}{3}$	lineal feet contain about 104 sq. ft.
20 in. wide (28 sheets) about 63	lineal feet contain about 105 sq. ft.
28 in. wide (28 sheets) about 44 $\frac{1}{3}$	lineal feet contain about 104 sq. ft.

Write for Prices and Samples
Painted Both Sides at a Small Extra Cost

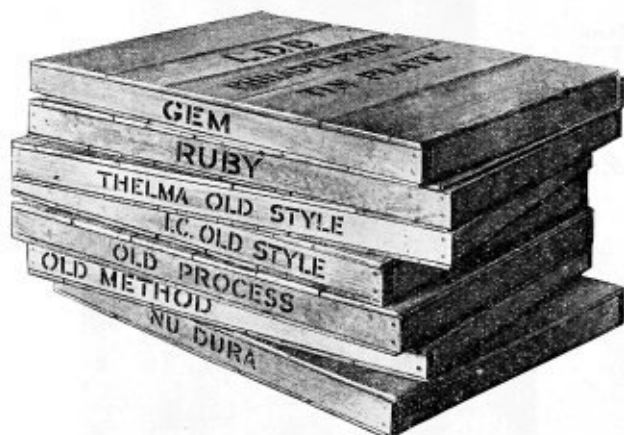
COPPER BEARING OPEN HEARTH ROOFING PLATES

The base, or black plate, is rolled from special analysis open hearth sheet bars, containing a percentage of copper. This produces a perfect alloy and gives the sheets that property of superior resistance to the corrosive influences of the atmosphere. Before dipping, the sheets are thoroughly cleansed in a palm oil flux. The sheets are then dipped and receive a coating evenly distributed. After a critical inspection, each sheet is stamped with the brand, thickness and amount of coating contained on a box of 112 sheets.



THE SKYLINE OF THE NATION ENDORSES US
59 NORTH SECOND ST., L. D. BERGER COMPANY PHILADELPHIA, PA.

Tin in Boxes



L. D. B. Roofing Tin or Terne Plates

Are all copper-bearing steel, with the pounds coating and trade name stamped on each sheet. Size, 20" x 28". Packed 112 sheets to the box.

For detailed information see bottom of page 61.



This is a heavy, copper-bearing plate, Palm oil treated, and has a special prepared coating; not to be compared with, but far superior to any other brand of roofing tin on the market.

Recommended and indorsed by the Roofing, Metal and Heating Engineers of Philadelphia.

Absolutely lightning, fire and weather proof. Reduces cost of insurance.

The Brand that's Advertised

Price quoted on application

Fire Door Tin

In boxes 14 x 20 inches, carrying 20 pounds coating to meet Fire Underwriters specifications. Always carried in stock.

Write for prices.



59 NORTH SECOND ST., L. D. BERGER COMPANY PHILADELPHIA, PA.

Description of Our Roofing or Terne Plates

L. D. Berger Co. I C Old Method 40 lbs. Coating Copper Bearing Steel

This plate carries a 40-pound coating and is one of the best produced. When the metal that goes into the base plate has been heated to the proper temperature several bars of pure pig copper are thrown into the furnace. The addition of this copper produces a base plate of steel that has remarkably high resisting qualities when subjected to the elements. By actual tests—weather tests, not acid tests—the copper bearing steel does not decay as rapidly as the ordinary base metal used for tin and terne plates. This is a very high grade, clean and well assorted terne plate, each sheet resquared and stamped with name and pounds coating. 112 sheets to the box, 20 x 28 inches, or in rolls.

L. D. Berger Co. I C Old Process 30 lbs. Coating Copper Bearing Steel

This plate carries a 30-pound coating, and has the same steel base as the 40-pound keystone copper steel. The percentage of copper carried in the base makes this terne plate very enduring and suitable for first-class trade. Each sheet is resquared and stamped with name and pounds coating. 112 sheets to the box, 20 x 28 inches, or put up in rolls.

L. D. Berger Co. I C Old Style 20 lbs. Coating Copper Bearing Steel

This plate has the same copper-bearing steel base as the best plate. This is the grade best adapted for all purposes when your customer wants something really good but cannot afford a heavier coating. Each sheet is resquared and stamped with name and pounds coating. 112 sheets to the box, 20 x 28 inches, or in rolls.

L. D. Berger Co. Thelma Old Style 15 lbs. Coating Copper Bearing Steel

This is the medium between the best and the cheapest plates. The steel base is the same as that in the best plate. Each sheet is stamped with name and pounds coating. 112 sheets to the box, 20 x 28 inches, or in rolls.

L. D. Berger Co. I C Gem 8 lbs. Coating Copper Bearing Steel

This low-priced terne plate is the same copper-bearing steel as described above. It is stamped with name and pounds coating. 112 sheets to the box, 20 x 28 inches, or put up in rolls.

Prices Quoted on Application

BRIGHT TIN PLATES

CHARCOALS

A high-grade mirror finish charcoal plate, tissue paper packed. Made from a base specially prepared, suitable for all high-class work, nickel plating, etc. We carry in stock:

IC—20" x 28" 112 sheets to the box	IXX—20" x 28" . . . 56 sheets to the box
IX—20" x 28" 112 sheets to the box	IXXX—20" x 28" . . 56 sheets to the box
IXXXX—20" x 28" . . 56 sheets to the box	

COKES

A splendid working coke plate, well tinned. Suitable for ordinary tinware, heater-pipe work, etc. We carry in stock 20 x 28 size in the following base weights: 100 lb., 107 lb., 128 lb., 135 lb. See table on page 65 for weights and gauges.

HEATER-PIPE SIZES

We carry in stock the following:

IC and IX—20" x 23½"—for 7- inch pipe	IC and IX—20" x 29½"—for 9-inch pipe
IC and IX—20" x 26" —for 8- inch pipe	IC and IX—20" x 32½"—for 10-inch pipe
IC and IX—20" x 28" —for 8½-inch pipe	IX—20" x 39½"—for 12-inch pipe

MILL SHIPMENTS

We are prepared, at all times, to quote special prices on Charcoals and Cokes, in regular and odd sizes, for manufacture.

Metal Covered Buildings Safe From Lightning

It is common knowledge and experience that metal covered buildings are immune from lightning damage. In government hangars (shelters for airplanes and balloons) built with sheet metal for roofs and sides, grounding the metal is all the lightning protection considered necessary, though such structures are usually isolated and especially subject to being struck by lightning.

Elevator buildings secure a substantial reduction in insurance premiums because of lightning protection when sheet metal sides and roofs are properly installed and grounded.

Many companies specializing in farm building insurance also allow a credit in premiums for metal roofs.

However, insurance at best provides against only a part of the loss. The actual protection from lightning and sparks which a metal roof affords gives an assurance of safety and a peace of mind that are far more important than the reduction in insurance costs.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

United States Standard Gauge

For all Uncoated Sheets and Plates of Iron or Steel

Number of Gauge	Approx. Thickness in Fraction of an inch	Approx. Thickness in Decimal Parts of an inch	Weight per sq. ft. in ounces Avoirdupois	Weight per sq. ft. in Pounds Avoirdupois
10	9-64	.140625	90	5.625
11	1-8	.125	80	5.
12	7-64	.109375	70	4.375
13	3-32	.09375	60	3.75
14	5-64	.078125	50	3.125
15	9-128	.0703125	45	2.8125
16	1-16	.0625	40	2.5
17	9-160	.05625	36	2.25
18	1-20	.05	32	2.
19	7-160	.04375	28	1.75
20	3-80	.0375	24	1.5
21	11-320	.034375	22	1.375
22	1-32	.03125	20	1.25
23	9-320	.028125	18	1.125
24	1-40	.025	16	1.
25	7-320	.021875	14	.875
26	3-160	.01875	12	.75
27	11-640	.0171875	11	.6875
28	1-64	.015625	10	.625
29	9-640	.0140625	9	.5625
30	1-80	.0125	8	.5

Standard Weights and Gauges of Tin Plates

	56-lb.	60-lb.	65-lb.	70-lb.	75-lb.	80-lb.	85-lb.	90-lb.	95-lb.	100-lb.
Nearest wire gauge No.	38	37	35	35	34	33	32	31	31	30½
Weight, square ft., lbs.	.257	.257	.298	.322	.345	.367	.390	.413	.436	.459
Weight, box 14 x 20 lbs.	56	60	65	70	75	80	85	90	95	100

	1C	1XL	1X	1XX	1XXX	1XXXX	1XXXXX
Nearest wire ga. No.	30	28	28	27	26	25	24
Weight, sq. ft., lbs.	.491	.588	.619	.712	.803	.895	.987
Weight, box, 14 x 20 lbs.	107	128	135	155	175	195	215

To make Pipe to fit "JUSTWELL" Elbows, cut your metal according to the following table for Tin or Galvanized Pipe

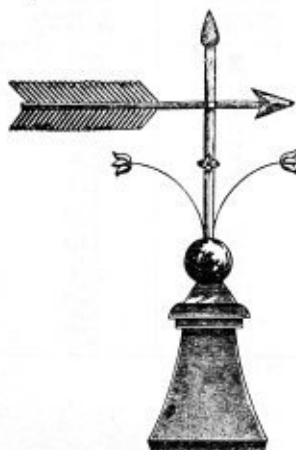
(These measurements are less lap.)

DIAMETER	NET CIRCUMFERENCE	DIAMETER	NET CIRCUMFERENCE	BOX TIN PLATES Sizes Required	
3 Inch	9½ Inches	10 Inch	31½ Inches	20 x 23 in.	for 7 in. pipe
4 "	12½ "	11 "	34½ "	20 x 26 in.	for 8 in. pipe
4½ "	14½ "	12 "	37½ "	20 x 29½ in.	for 9 in. pipe
5 "	15½ "	13 "	40½ "	20 x 32½ in.	for 10 in. pipe
5½ "	17½ "	14 "	44 "	20 x 36 in.	for 11 in. pipe
6 "	18½ "	15 "	47½ "	20 x 39 in.	for 12 in. pipe
7 "	22 "	16 "	50½ "		
8 "	25½ "	18 "	56½ "		
8½ "	26½ "	20 "	62½ "		
9 "	28½ "	24 "	75½ "		



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

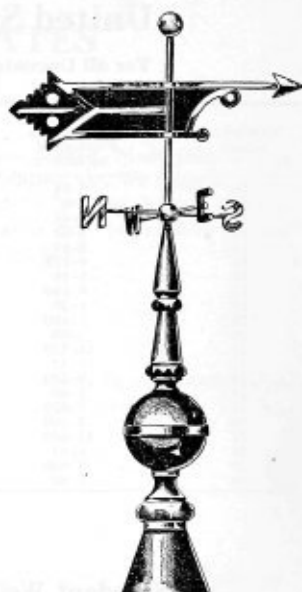
Finials



No. 317
3½ ft. high
Each \$16.00



No. 86
1¼ ft. high
Each \$3.50



No. 626
8½ ft. high
Each \$50.00
Stem of
Wrought
Iron Pipe



No. 235
3½ ft. high
Each \$10.00



No. 109
6¾ ft. high
Each \$28.00



No. 110
6¾ ft. high
Each \$30.00

Discount..... Per Cent.

Always state Measurement and Style of Base—whether Base is to be Square, Round or Octagonal—and give Pitch of Roof. Crating charged at cost. When Octagonal Bases are desired add \$1.50 to the list.

Special Designs on Application



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Finials



No. 306
3½ ft. high
Each \$10.00



No. 323
3 ft. high
Each \$8.00



No. 90
2¼ ft. high
Each \$5.50



No. 94
5 ft. high
Each \$16.00



No. 301
3 ft. high
Each \$7.50



No. 553
4½ ft. high
Each \$11.00



No. 302
3 ft. high
Each \$8.00



No. 111
7¼ ft. high
Each \$35.00



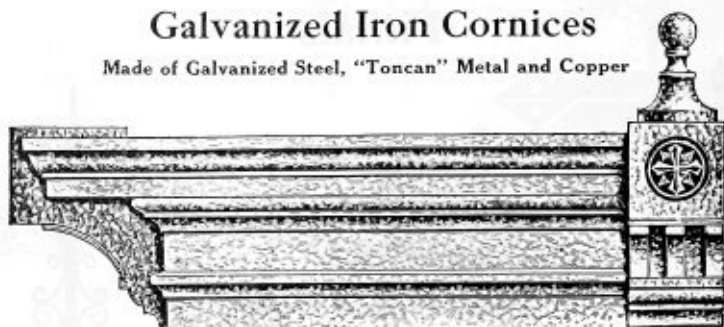
No. 88
2 ft. high
Each \$4.50

Always state Measurement and Style of Base—whether Base is to be Square, Round or Octagonal—and give Pitch of Roof. Crating charged at cost. When Octagonal Bases are desired add \$1.50 to the list, except Nos. 86, 88 and 90, no charge.

Discount.....Per Cent

Galvanized Iron Cornices

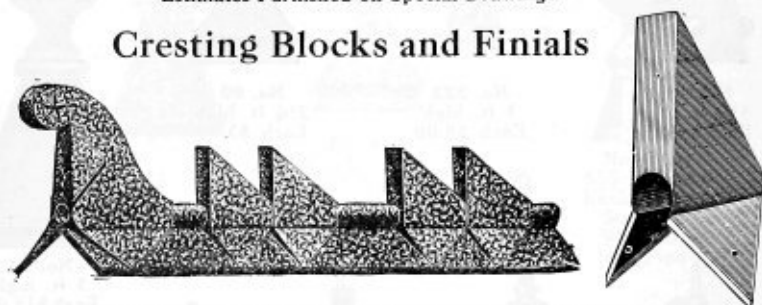
Made of Galvanized Steel, "Toncan" Metal and Copper



Height	Projection	Per Foot	9 in. End Block	12 in. End Block
16 inches	8 inches	\$ .....	.....	.....
20 inches	10 inches	.....	.....	.....
24 inches	12 inches	.....	.....	.....

Estimates Furnished on Special Drawings

Cresting Blocks and Finials

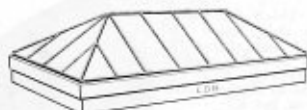


Galvanized to fit 2-inch ridge roll. Size 6 inches long, 5 inches high above roll. Can be adjusted to make various designs. They need no soldering; simply nailed through the flange.

Galvanized Crown Mouldings

	1	2	3	4	5	6	7	8
Style, No.	1	2	3	4	5	6	7	8
Inches High. . . .	10	12	13	10	12	10 1/2	10 1/2	14
Projection	5	7	6 1/2	4 1/2	6	5 1/4	4 1/4	6
Girth	16	19	20	15	18	21	19	26
Per foot	\$0.32	\$0.38	\$0.40	\$0.30	\$0.36	\$0.42	\$0.38	\$0.52
Discount	Per Cent.							

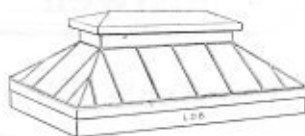
Galvanized Steel Skylights



Skylight, galvanized iron and copper.

No. 1

Hip Skylights for level curb.



Skylight, galvanized iron and copper.

No. 5

Illustrates a Plain Hipped Skylight with Ridge Ventilator.



Skylight, double pitch, galvanized iron and copper.

No. 2

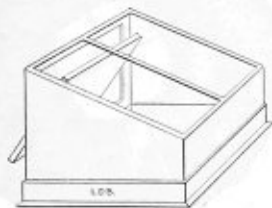
This Skylight is made with metal ends. In ordering Skylights give size on ends and bottom.



Skylight, single pitch, galvanized iron and copper. Always give size when writing for prices.

No. 6

This Skylight is made for flat roof where curb runs parallel with roof and does not afford sufficient pitch to properly drain skylight.



No. 3

Single Pitch Skylight with Metal Flapper. Will give ventilation for bath rooms. Can be opened with cord or operating device.



No. 7

Skylights with hip top and side opening sash. These Skylights are made without gutter and spout unless ordered.



No. 4

Flat Skylight Frames



No. 8

All Skylights Furnished of Galvanized Steel, "Toncan" Metal and Copper

NOTE—In ordering Skylights, give outside measurements of curb.

State kind of material desired and kind of glass wanted.

Prices quoted upon application

"Justwell"

TRADE MARK

Adjustable Elbows

Size



Manufactured

By

Gauge



L. D. Berger Company

Philadelphia

Pa.

This Yellow Label is only found on the highest quality of four pieced adjustable Elbows made. Be sure that you get it.



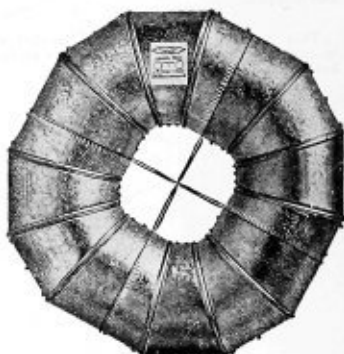
Illustrations show that the elbow may be adjusted to any desired angle to suit the immediate requirements.



This illustration shows the elbows in rings, four to a ring, wired and labeled, showing the gauge and size.

Justwell Elbows are made from iron specially galvanized for this purpose, one of the many points of merit which is a part of this truly finished Elbow.

For list price see page 71.



Twin Hot-Air Elbows

Have many advantages. The illustration shows one twin elbow 45° angle, two can be used together to form many angles, or separately.

SIZES	INCH	5	6	7	8	8½	9	10	12	14	16
I. C. Twin Elbows, doz.			\$4.20	\$4.50	\$5.00	\$5.50	\$6.20	\$7.70			
I. X. Twin Elbows, doz.			4.50	5.00	5.50	6.00	6.80	8.50	\$12.20	\$15.00	\$28.00
45 Degree Angles, doz.	\$										

One-half price of Twin Elbows

Discount%



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



The "Justwell" turns freely and easily into the desired position, yet each joint fits snugly. It can be adjusted to almost any angle between a straight line and 90 degrees.

LIST PRICE PER DOZEN

SIZE	IX TIN	28 Gauge GALVANIZED	26 Gauge GALVANIZED	24 Gauge GALVANIZED
5	.....	\$4.00	\$4.70	\$5.60
6	.....	4.60	5.20	6.80
7	\$4.80	.....	6.50	8.60
8	5.60	.....	7.60	10.00
8½	6.80	.....	8.80	12.00
9	6.80	.....	8.80	12.00
10	8.00	.....	11.40	16.00
11	12.00	.....	17.00	24.00
12	12.00	.....	17.00	24.00
13	18.00	.....	24.00	32.00
14	18.00	.....	24.00	32.00
16	24.00	.....	36.00	48.00
18	28.00	.....	48.00	64.00

Discount.....%

"Justwell" Adjustable Elbows are put up in rings, four to a ring, wired and labeled showing the size and gauge. Ask for "Justwell" elbows and get the quality you have a right to expect.

"JUSTWELL" Elbows are scientifically manufactured on special, power-driven machinery. From the stamping out of the blanks to the last operation these elbows are handled only by careful workmen. The man on the job appreciates this thoroughbred elbow.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Black Stove Pipe Elbows

ALL SIZES KEPT IN STOCK



FOUR PIECE ADJUSTABLE ELBOWS

Size.....	3" "	4"	4½"	5"	5½"	6"	7"
28 ga., per Doz.							



Five Piece Adjustable Black Elbows

MADE OF
CLEANED IRON

PER DOZEN

3 inch.....	\$
4 inch.....	
4½ inch.....	
5 inch.....	
5½ inch.....	
6 inch.....	
7 inch.....	

Security Oval Reducers



Sizes:

7-6" 7-5" 6-5"

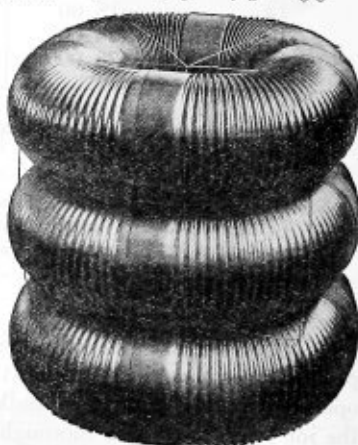
One Piece Stove Pipe Elbows

Security One-Piece Crimped Elbows, Riveted at both ends. Each end 2½" long.

NO. 28 GAUGE EVEN COLOR CORRUGATED, PER DOZEN

4 inch.....	\$
4½ inch.....	
5 inch.....	
5½ inch.....	
6 inch.....	
7 inch.....	

Security Elbows are packed in bundles of one dozen each, securely wired. Do not require crating for shipment as necessary with Pieced Elbows.





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



The Truly Efficient L. D. B. Acme Ventilator

The "Acme" revolves with the wind; there is no back draft; and it works well under all conditions.

You can depend on the "Acme" to do the work, and do it well. Here are the prices:

6 inch complete	\$5.40	Frame only	\$3.40
7 " "	6.00	" "	3.80
8 " "	6.60	" "	4.30
9 " "	7.20	" "	4.70
10 " "	8.70	" "	5.70
12 " "	10.40	" "	6.90

Discount Per Cent.



The "Best" Chimney Cap

No. 10 for Chimneys

1½ x 2 Brick, Flues 4 x 8 inches

2 x 2 Brick, Flues 8 x 8 inches

Collar for 7 inch Pipe

No. 10½ for Chimneys

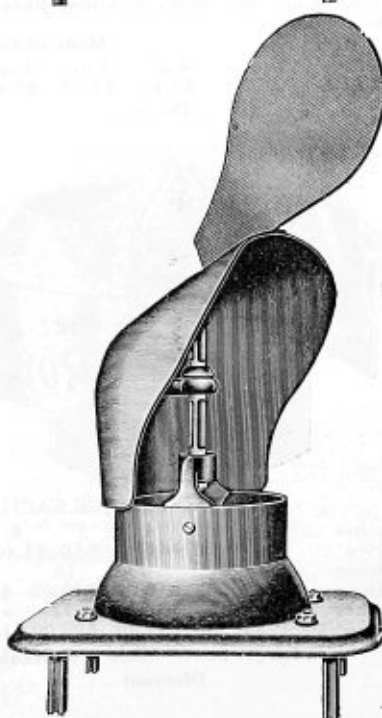
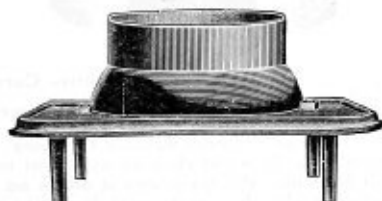
1½ x 2 Brick, Flues 4 x 8 inches

2 x 2 Brick, Flues 8 x 8 inches

1½ x 2½ Brick, Flues 4 x 12 inches

2 x 2½ Brick, Flues 8 x 12 inches

Collars for 8 inch Pipe



The "Best" Revolving Chimney Cap

Is all made of cast iron, except the vane, which is made of steel, being fitted with perfectly adjusted ball bearings above and below, to take the side thrust. The slightest breeze turns the back of the hood to the wind and causes a suction at the opening which draws the smoke out, thus making a strong draft for the chimney. Absolutely prevents the rain from beating into the chimney, running down and discoloring the walls inside. It is practically indestructible and will last for years.

No. 1 for Chimneys

1½ x 2 Brick, Flues 4 x 8 inches

2 x 2 Brick, Flues 8 x 8 inches

No. 1½ for Chimneys

1½ x 2 Brick, Flues 4 x 8 inches

2 x 2 Brick, Flues 8 x 8 inches

1½ x 2½ Brick, Flues 4 x 12 inches

2 x 2½ Brick, Flues 8 x 12 inches

Prices upon application

Storm King Ventilator and Chimney Top

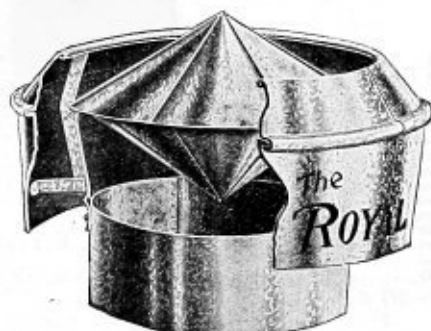


**A Positive Cure for Down Drafts
Obviates the Necessity for High Stacks**

This is a strong, durable Chimney Top. It prevents back draft, is not affected by storms; does not clog up with soot nor condense the smoke. Rain or snow cannot beat into the stack and it offers no hindrance to the free outlet of smoke in a calm. It also does away with long lines of pipes, as it works right on a base, near the chimney.

Made of Galvanized Iron

	4 in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.	12 in.
List Price	\$3.60	\$4.00	\$5.40	\$6.00	\$6.80	\$7.80	\$9.00	\$11.00
Discount	Per Cent.							



"Royal" Ventilators

Absolutely Waterproof

ROYAL FACTS

Double Cones.
Scientifically Constructed Deflectors.
Pointed Bottom Cones.
Patented Radiating Ribs.
These features combined with many others make this Ventilator one of the best on the market.
Furnished with either glass or metal top.

PRICE EACH, GALVANIZED

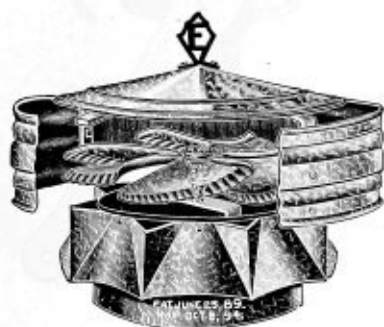
Inches	2	4	5	6	7	8	9	10	12	13
Price	\$1.00	\$1.75	\$2.50	\$3.40	\$4.00	\$4.65	\$5.25	\$5.75	\$6.75	\$10.00
Inches	14	15	16	18	20	22	24	26		
Price	\$13.00	\$16.00	\$20.00	\$27.00	\$33.00	\$36.00	\$40.00	\$50.00		
Inches	28	30	32	34	36	40	42	48		
Price	\$56.00	\$65.00	\$80.00	\$100.00	\$120.00	\$180.00	\$190.00	\$240.00		

Also Larger Sizes—Made of Galvanized Steel, "Toncan" Metal and Copper
Discount..... Per Cent.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

"Earle" Ventilators



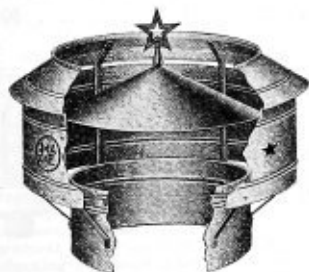
Price each, Galvanized

5	inch	\$2.50
5½	inch	2.85
6	inch	3.40
7	inch	4.00
8	inch	4.65
9	inch	5.20
10	inch	5.75
12	inch	6.75
14	inch	13.00
16	inch	20.00
18	inch	27.00
20	inch	33.00
24	inch	40.00
30	inch	65.00
36	inch	90.00
40	inch	120.00
48	inch	150.00
60	inch	225.00

Discount Per Cent.

"Star" Ventilators

New Standard "Star" Ventilator
Without Damper



Sectional View

The New Standard "Star" Ventilator needs no introduction. It has been on the market several years and has always given entire satisfaction.

New Fire Retarding "Star" Ventilator
with Patented Gravity Damper



Open

The Fire Retarding Damper of this Ventilator is operated by a lever movement, controlled by a chain with fusible link.

In case of fire the link parts and the damper drops by gravity, closes the opening and shuts off the draft entirely.

The Damper can, at any moment, be regulated by simply pulling the chain.

Prices quoted on application

The best way to obtain circulation of air, which is essential to health, is by ventilation. Without ventilation there can be no circulation.

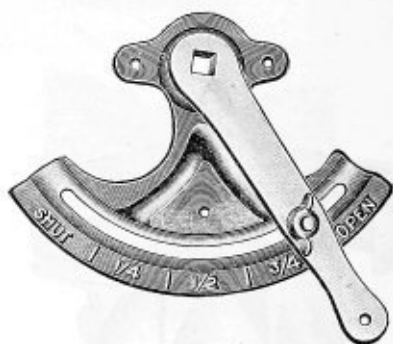
Each type of ventilator sold has merits of its own adapted to meet the requirements best suited for surrounding conditions.

Parker "Unxld" Damper Quadrants

The handle can be removed at any time, allowing damper to be removed from the duct when necessary without ripping out entire installation. Made for $\frac{3}{8}$ " and $\frac{1}{2}$ " square rods. Damper bearings, shown below, are recommended instead of rods, as they are easier to use.

SIZE	BLACK EACH NET	GALVANIZED EACH NET
$\frac{3}{8}$ -inch.....	.....	\$0.59
$\frac{1}{2}$ -inch.....	.....	.44
$\frac{3}{8}$ -inch.....	\$1.28	1.45
$\frac{1}{2}$ -inch.....	2.50	2.78
$\frac{3}{8}$ -inch.....	2.50	2.78

$\frac{5}{8}$ ", $\frac{3}{4}$ " $\frac{7}{8}$ " Heavy Duty Type



Parker Damper Bearings

Are used instead of rods on small dampers. They are made of malleable iron, to fit $\frac{3}{8}$ -inch and $\frac{1}{2}$ -inch damper quadrants.

SIZE	GALVANIZED, PER SET
$\frac{3}{8}$ -inch.....	\$0.16
$\frac{1}{2}$ -inch.....	.22



Parker Rod Clips

This clip enables one to fasten the rod firmly to the damper without drilling and weakening the rod. Furnished black and galvanized to fit $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and $\frac{7}{8}$ -inch square rod.



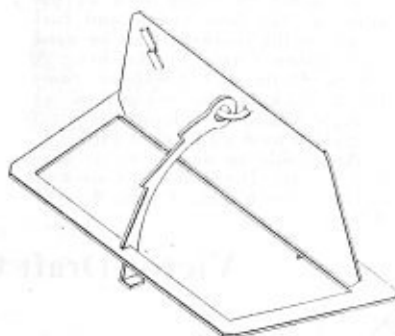
Parker Dial Regulators

Requires but two rivets to hold it rigidly to either round or flat surfaces. Made of pressed steel to fit $\frac{3}{8}$ " and $\frac{1}{2}$ " square rods. Can be used with rod and rod clip or with damper bearings.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Improved Smokeless Fireplace Damper



No.	Front	Back	Depth	Size of Fireplace	Single	Lots of 12
30	29 $\frac{1}{2}$	25	12	for 28 in. Fireplace	\$4.75	\$4.50
33	32 $\frac{1}{2}$	28	13	for 31 in. Fireplace	4.95	4.65
36	35 $\frac{3}{4}$	31	15 $\frac{1}{4}$	for 34 in. Fireplace	5.15	4.80
39	38 $\frac{3}{4}$	34	15 $\frac{1}{4}$	for 37 in. Fireplace	5.60	5.20
42	41 $\frac{1}{2}$	37	16 $\frac{3}{8}$	for 40 in. Fireplace	6.05	5.60
45	45	39 $\frac{1}{2}$	16 $\frac{3}{8}$	for 43 in. Fireplace	6.75	6.25
48	48	42 $\frac{1}{2}$	16 $\frac{3}{8}$	for 46 in. Fireplace	7.45	6.90

Discount.....Per Cent

Special Sizes Made to Order

In the construction of a fireplace the mechanic may use this damper as a template, and, building right up from the foundation, with the damper as his guide, it is impossible for him to construct a faulty fireplace. He does not have to rack over the back of his brick work to meet the damper, which saves him considerable time and makes a more satisfactory job. The curving in of the brick work to meet the damper obstructs the flow of the smoke and gases and is one of the causes of smoky fireplaces. The damper operates by means of a ratchet, located at the back, and when the damper is closed this ratchet, by means of a contrivance on the under side of the damper, is caught up and remains out of sight. Opening from the back towards the front, and opening the full size of the flue, the damper nor its setting offers any obstruction to the natural flow of the smoke into the chimney flue. For the necessary cleaning of the fireplace and chimney, the damper may be lifted out of the frame, without removing any bolts or nuts, and just as easily placed in position again, when the cleaning has been done. We make this damper in regular stock sizes for new work, but it can be furnished in any size to fit any fireplace, old or new, and can be readily installed in an old fireplace which has failed with another type of damper.

Oval Pattern, Steel Spindle, Nickel Handle and Ferrule

Price List
Per Doz.

4	in.—Plate 4 $\frac{1}{4}$ x2	in.	\$3.00
5 $\frac{1}{2}$	in.—Plate 6 $\frac{1}{8}$ x3 $\frac{1}{4}$	in.	3.50
6	in.—Plate 6 $\frac{1}{8}$ x3 $\frac{1}{4}$	in.	4.00
7	in.—Plate 7 $\frac{1}{4}$ x3 $\frac{1}{4}$	in.	6.00
8	in.—Plate 8 $\frac{1}{4}$ x3 $\frac{1}{4}$	in.	9.00





59 NORTH SECOND ST., **L.D. BERGER COMPANY** PHILADELPHIA, PA.

Bengal Check Draft



Style B

Regarded by many men in the trade as the best check and fuel saver on the market. Can be used with either Chain or Ratchet. A Check Draft and Cleanout combined. No bolts required in flap.

Style A used on T Joint.

Style B used on Upright Pipe.

Applicable to any stove or furnace made. There are four sizes in either style: 6 inch, 7 inch, 8 inch, 9 inch.



Style A



Victor Draft Check

List	Each
4 inch	\$2.10
4½ inch	2.25
5 inch	2.40
5½ inch	2.60
6 inch	2.70
7 inch	3.00
8 inch	3.30

Uncle Sam Damper Clip

The stem is malleable iron, pointed, and is easily driven through the pipe. The Damper Plate is made of cold-rolled pickled steel, corrugated to stiffen it and prevent warping. The difference in weight pays the freight.

SMOKE-PIPE DAMPER

Inches	3	4	4½	5	5½	6	7
Per Dozen	\$0.85	\$0.85	\$0.85	\$1.00	\$1.10	\$1.15	\$1.60
Approx. gross per bbl.	12	10	9	7	6½	6	5

HEATER-PIPE DAMPER

Inches	8	8½	9	10	10½	11	12	12½	14
Per Dz.	\$2.20	\$2.45	\$2.60	\$2.80	\$3.05	\$3.30	\$3.50	\$3.75	\$5.00
App. gross per bbl.	4	4	3½	3	2½	2½	2	2	2
Discount	Per Cent.								



American Cast Iron Smoke Pipe Damper



Price List	Price List
Per Doz.	Per Doz.
3 in. \$2.60	7 in. \$5.00
4 in. 2.80	8 in. 8.00
4½ in. 3.00	9 in. 12.00
5 in. 3.00	10 in. 15.00
5½ in. 3.30	11 in. 16.50
6 in. 3.50	12 in. 18.00

Dampers from four to nine inch inclusive are made with reversible plates. The reversible feature provides for the spindle being inserted from either side.

The spindle is made in one piece of solid steel, with a sharp point that will pierce any stove pipe. The hump on the spindle, which drops into a notch in the plate by turning handle either way, insures a positive lock. The nickel-plated wire coil handle is strong and always cool.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

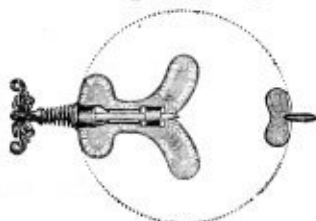
Improved Damper Clips



Made with solid rivets and extra holes.

Write for Prices

Diamond Damper Clip



Price, per dozen \$

Rivet or No Rivet Steel Spindle, Nickel Handle and Ferrule

Size of Plate, $4\frac{1}{4}$ in. long,
 $4\frac{1}{8}$ in. wide

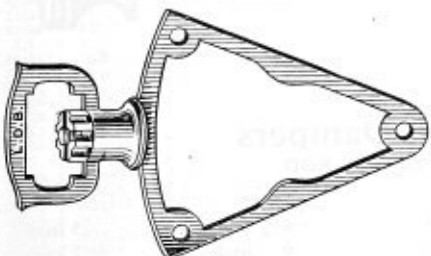
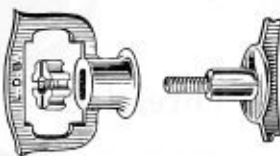
Price List
Per Doz.

No. 3 (Clips only)	\$3.25
No. 3 (Tail Pieces only) . . . . .	.50
No. 3 Clips and Tail Pieces	3.75

This Steel Damper Clip and Tail Piece are made of heavy steel, a non-breakable plate with non-breakable steel spindle—an unsurpassed combination.

These Clips can be used with or without rivets.

No. 3 Stamped Sheet Steel Damper Clip



L. D. B. Damper Clip

This Clip is made of malleable iron, and as outlined in the illustration, can be rigidly locked in any position by turning the nut with the thumb and forefinger, which gives absolute control of the passage of air through the pipe.

No. 1 Damper Clip

Sectional view of pipe, showing Damper made with No. 1 Damper Clip and Tail Piece.

Steel Spindle, Nickel Handle and Ferrule
Size of Plate, 3 in. long, $3\frac{1}{8}$ in. wide

	Price List Per Doz.
No. 1 (Clips only)	\$3.00
No. 1 (Tail Pieces only) . . . . .	.50
No. 1 Clips and Tail Pieces	3.50





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Oblong Square-Corner Hot-Air Dampers

FOR TIN FLUES

2 3/4 x 8 inch	..... \$0.65	4 x 8 inch	..... \$0.80
2 3/4 x 9 inch	..... .70	4 x 9 inch	..... .85
3 x 8 inch	..... .70	4 x 10 inch	..... .85
3 1/2 x 8 inch	..... .75	4 x 12 inch	..... .90
3 1/2 x 10 inch	..... .80		

Discount Per Cent.

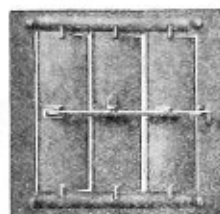


Square Dampers

FOR BRICK FLUES

4 x 6 inch, 2 slats, each	..... \$0.70
4 x 9 inch, 2 slats, each	..... .80
6 x 6 inch, 3 slats, each	..... .80
6 x 9 inch, 3 slats, each	..... .85
6 x 12 inch, 3 slats, each	..... .95
8 x 8 inch, 3 slats, each	..... .90
9 x 9 inch, 3 slats, each	..... 1.00

Discount Per Cent.

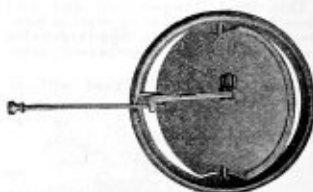


Round Dampers

FOR TIN FLUES

6 inch	..... \$0.50
7 inch	..... .60
8 inch	..... .70
8 3/8 inch	..... .75
9 inch	..... .80

Discount Per Cent.



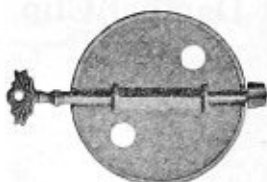
Flue Damper Rods Threaded



Small Knobs, per dozen, net \$.....
Rods Up to 6 inch, per dozen, net \$.....
Rods 7 to 12 inch, per dozen, net \$.....

Plain Cast Dampers

WITH MALLEABLE ROD



Sizes

4 inch	4 1/2 inch	5 inch
5 1/2 inch	6 inch	7 inch

These Dampers are gauged to a true size to fit the pipe, and will not turn in the rods.

Hot Air sizes—7, 8, 8 1/2, 9, 10 and 12 inches.

Prices Quoted Upon Application



THE SKYLINE OF THE NATION ENDORSES US
59 NORTH SECOND ST., L. D. BERGER COMPANY PHILADELPHIA, PA.

CIRCUMFERENCES AND AREAS OF CIRCLES

OF ONE INCH				IN INCHES OR FEET					
FRACT.	DEC.	CIRC.	AREA	DIA.	CIRC.	AREA	DIA.	CIRC.	AREA
1/64	.015625	.04909	.00019	1	3.1416	.7854	64	201.06	3216.99
1/32	.03125	.09818	.00077	2	6.2832	3.1416	65	204.20	3318.31
3/64	.046875	.14726	.00173	3	9.4248	7.0686	66	207.34	3421.19
1/16	.0625	.19635	.00307	4	12.5664	12.5664	67	210.49	3525.65
5/64	.078125	.24545	.00479	5	15.7080	19.635	68	213.63	3631.68
5/64	.078125	.24545	.00479	5	15.7080	19.635	68	213.63	3631.68
3/32	.09375	.29452	.00690	6	18.8496	28.274	69	216.77	3739.28
7/64	.109375	.34363	.00939	7	21.9912	38.485	70	219.91	3848.45
1/8	.125	.39270	.01227	8	25.1328	50.266	71	223.05	3959.19
9/64	.140625	.44181	.01553	9	28.2744	63.617	72	226.19	4071.50
5/32	.15625	.49087	.01917	10	31.4160	78.540	73	229.34	4185.39
11/64	.171875	.53999	.02320	11	34.5576	95.033	74	232.48	4300.84
3/16	.1875	.58905	.02761	12	37.6992	113.1	75	235.62	4417.86
13/64	.203125	.63817	.03241	13	40.841	132.73	76	238.76	4536.46
7/32	.21875	.68722	.03758	14	43.982	153.94	77	241.90	4656.63
15/64	.234375	.73635	.04314	15	47.124	176.71	78	245.04	4778.36
1/4	.25	.78540	.04909	16	50.266	201.06	79	248.19	4901.67
17/64	.265625	.83453	.05542	17	53.408	226.98	80	251.33	5026.55
9/32	.28125	.88357	.06213	18	56.549	254.47	81	254.47	5153.
19/64	.296875	.93281	.06922	19	59.690	283.53	82	257.61	5281.02
5/16	.3125	.98187	.07670	20	62.832	314.16	83	260.75	5410.61
21/64	.328125	1.0309	.08456	21	65.973	346.36	84	263.89	5541.77
11/32	.34375	1.0799	.09281	22	69.115	380.13	85	267.04	5674.50
23/64	.359375	1.1291	.10144	23	72.257	415.48	86	270.18	5808.80
3/8	.375	1.1781	.11045	24	75.398	452.39	87	273.32	5944.68
25/64	.390625	1.2273	.11984	25	78.540	490.87	88	276.46	6082.12
13/32	.40625	1.2763	.12962	26	81.681	530.93	89	279.60	6221.14
27/64	.421875	1.3254	.13979	27	84.823	572.56	90	282.74	6361.73
7/16	.4375	1.3744	.15033	28	87.965	615.75	91	285.88	6503.88
29/64	.453125	1.4236	.16126	29	91.106	660.52	92	289.03	6647.61
15/32	.46875	1.4726	.17257	30	94.248	706.86	93	292.17	6792.91
31/64	.484375	1.5218	.18427	31	97.389	754.77	94	295.31	6939.78
1/2	.5	1.5708	.19635	32	100.53	804.25	95	298.45	7088.22
33/64	.515625	1.6199	.20880	33	103.67	855.30	96	301.59	7238.23
17/32	.53125	1.6690	.22166	34	106.81	907.92	97	304.73	7389.81
35/64	.546875	1.7181	.23489	35	109.96	962.11	98	307.88	7542.96
9/16	.5625	1.7671	.24850	36	113.10	1017.88	99	311.02	7697.69
37/64	.578125	1.8163	.26248	37	116.24	1075.21	100	314.16	7853.98
19/32	.59375	1.8653	.27688	38	119.38	1134.11	101	317.30	8011.85
39/64	.609375	1.9145	.29164	39	122.52	1194.59	102	320.44	8171.28
5/8	.625	1.9635	.30680	40	125.66	1256.64	103	323.58	8332.29
41/64	.640625	2.0127	.32232	41	128.81	1320.81	104	326.73	8494.87
21/32	.65625	2.0617	.33824	42	131.95	1385.44	105	329.87	8659.01
43/64	.671875	2.1108	.35453	43	135.09	1452.20	106	333.01	8824.73
11/16	.6875	2.1598	.37122	44	138.23	1520.53	107	336.15	8992.02
45/64	.703125	2.2090	.38828	45	141.37	1590.43	108	339.29	9160.88
23/32	.71875	2.2580	.40574	46	144.51	1661.90	109	342.43	9331.32
47/64	.734375	2.3072	.42356	47	147.65	1734.94	110	345.58	9503.32
3/4	.75	2.3562	.44179	48	150.80	1809.56	111	348.72	9676.83
49/64	.765625	2.4054	.45253	49	153.94	1885.74	112	351.86	9852.03
25/32	.78125	2.4544	.47937	50	157.08	1963.50	113	355	10028.75
51/64	.796875	2.5036	.49872	51	160.22	2042.82	114	358.14	10207.03
13/16	.8125	.8125	.52525	52	163.36	2123.72	115	361.28	10386.89
53/64	.828125	2.6017	.53862	53	166.50	2206.18	116	364.42	10568.32
27/32	.84375	2.6507	.55914	54	169.65	2290.22	117	367.57	10751.32
55/64	.859375	2.6999	.58003	55	172.79	2375.83	118	370.71	10935.88
7/8	.875	2.7489	.60132	56	175.93	2463.01	119	373.85	11122.02
57/64	.890625	2.7981	.62298	57	179.07	2551.76	120	376.99	11309.73
29/32	.90625	2.8471	.65404	58	182.21	2642.08	121	380.13	11499.01
59/64	.921875	2.8963	.67446	59	185.35	2733.96	122	383.27	11689.87
15/16	.9375	2.9452	.69202	60	188.50	2827.43	123	386.42	11882.29
61/64	.953125	2.9945	.71349	61	191.64	2922.47	124	389.56	12076.28
31/32	.96875	3.0434	.73708	62	194.78	3019.75	125	392.70	12271.85
63/64	.984375	3.0928	.76097	63	197.92	3117.25	126	395.84	12468.98

For weights of circles, multiply the area by the estimated weight per square foot.



59 NORTH SECOND ST., **L.D. BERGER COMPANY** PHILADELPHIA, PA.

Hot-Air Pipe, Stacks and Boxes

Made in lengths—6 feet, 6 inches

DOUBLE SEAMED



Price per Foot

ROUND HEATER PIPE

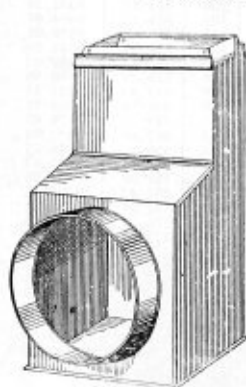
	I. C.	I. X.	GALV.
6- inch.....	\$0.17	\$0.18	\$0.24
7- inch.....	.19	.21	.28
8- inch.....	.21	.23	.32
8-½ inch.....	.22	.24	.34
9- inch.....	.23	.26	.36
10- inch.....	.26	.28	.44
12- inch.....	..	.34	.60
14- inch.....	..	.40	..
16- inch.....	..	.54	..
18- inch.....	..	.72	..

SQUARE HEATER PIPE

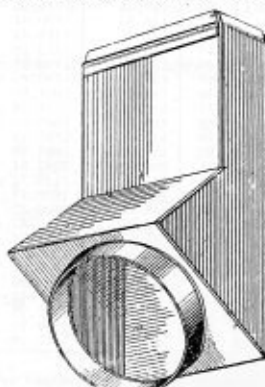
	I. C.	I. X.
2¾ x 9- inch.....	\$0.21	\$0.24
3½ x 8- inch.....	.21	.24
3½ x 10- inch.....	.22	.26
4 x 10- inch.....	.24	.28
4 x 11½ inch.....	.26	.30
5 x 10- inch.....	..	.30
6 x 12- inch.....	..	.38
8 x 10- inch.....	..	.38
8 x 12- inch.....	..	.42
8 x 20- inch.....	..	.58
10 x 20- inch.....	..	.77

Discount%

CRATING ALWAYS CHARGED EXTRA AT COST



No. 8 Boot



No. 9 Boot



No. 10 Boot

I. C. Tin.....	\$1.30	I. C. Tin.....	\$1.20	I. C. Tin.....	\$1.30
I. X. Tin.....	1.50	I. X. Tin.....	1.40	I. X. Tin.....	1.50



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Price List of Stack Boots

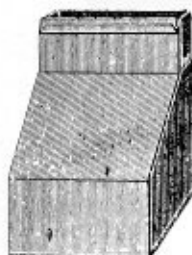


No. 1—Center Round Boot

Style No. 1—Center Round Boot

To fit Stacks as follows:

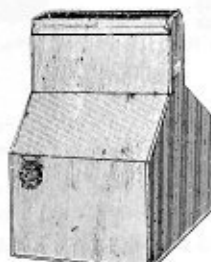
	I. C.	I. X.
From $2\frac{3}{4}$ x 9 to 4 x $11\frac{1}{2}$	\$0.68	\$0.74
From 5 x 10 to 8 x 10		1.20
From 8 x 12 to 10 x 12		1.70



No. 2—Flat Back Boot



No. 3—Angle Boot



No. 4—Center Boot



No. 5—Channel Boot

Styles No. 2, No. 3, No. 4 and No. 5

To fit Stacks as follows:

	I. C.	I. X.
From $2\frac{3}{4}$ x 9 to 4 x $11\frac{1}{2}$	\$1.30	\$1.50
From 5 x 10 to 8 x 10		1.70
From 8 x 12 to 10 x 12		2.20

Style No. 6.—Offset Boot to Offset 4 to 6 Inches

To fit Stacks as follows:

	I. C.	I. X.
From $2\frac{3}{4}$ x 9 to 4 x $11\frac{1}{2}$	\$1.50	\$2.00
From 5 x 10 to 8 x 10		2.00
From 8 x 12 to 10 x 20		2.80

Note—In ordering Boots please order by number and state what size stacks they are to fit; also size of collar required. We can furnish Offset Boots to offset 8 and 12 in. when required.

Discount.....Per Cent.



No. 6—Offset Boot



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Register Boxes



No. 1—Hall Register Box



No. 5 Box



No. 3—Top Box

	I. C.	I. X.
Style No. 1—8 x 12 to 10 x 14 Register.....		
2 $\frac{3}{4}$ x 9 to 4 x 11 $\frac{1}{2}$ Pipe.....	\$0.90	\$1.00
Style No. 3—6 x 8 to 10 x 14 Register.....		
2 $\frac{3}{4}$ x 9 to 4 x 11 $\frac{1}{2}$ Pipe.....	.70	.80
No. 3 Double Top Box add one-half to above list.		
Style No. 5—6 x 8 to 10 x 14 Register.....		
2 $\frac{3}{4}$ x 9 to 4 x 11 $\frac{1}{2}$ Pipe.....	1.20	1.30
Round Floor, Register Boxes 6 to 8 in.....	.80	.90
Round Floor, Register Boxes 9 to 10 in.....	.90	1.00
Round Floor, Register Boxes 12 to 14 in.....	1.10	1.20
Round Floor, Register Boxes 16 to 20 in.....	1.55	1.70
Square Floor, Register Boxes 6 x 8 to 10 x 14.....	.80	.90

Discount.....Per Cent.

Note—Please order by number and state what size Registers are to be used, also what size pipe.

Register Boxes for larger sized Registers and Pipe. Prices on application.
Crating always charged extra at cost.



Galvanized iron Bonnets, Casings and Drums made for all sizes of Warm Air Furnaces.

Also Drums for Bricked-In Furnaces.



59 NORTH SECOND ST., **L.D. BERGER COMPANY** PHILADELPHIA, PA.

Stack Elbows and Offsets



Stack Elbow, Style A



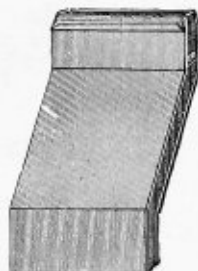
Square Stack Elbow, Style B



Stack Elbow, Style C



Stack Elbow, Style D



Stack Offset, Style E



Stack Offset, Style F
to Offset 4 in.

STACK ELBOWS AND OFFSETS

Stack Elbows and Offsets, as shown, any style to fit Stacks, as follows:

	I. C.	I. X.
From $2\frac{3}{4} \times 9$ to $4 \times 11\frac{1}{2}$	\$0.90	\$1.00
From 5×10 to 8×10		1.40
From 8×12 to 10×20		2.80

Discount Per Cent.

Note—In ordering Stack Elbows and Offsets, please order by letter, and state what size stacks they are to fit.

Offsets listed above are made to offset 4 inches. Can furnish to offset any size required.

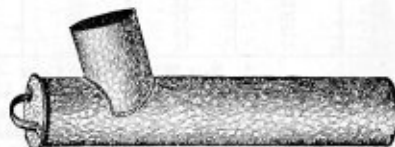
Price on application.

Casing Collars



Casing Collar for
Side of Bonnet

Tee Joint with Stopper



SIZES	INCH	6	6	7	8	8½	9	10	12
Galvanized Tee Joints, each.....		\$1.00	\$1.10	\$1.20	\$1.30	\$1.40	\$1.50	\$2.00	\$2.50
Galv'd Casing Collars, each.....			.25	.25	.28	.32	.35	.40	.50

Standard Furnace



DIMENSIONS

No.	WIDTH FIRE POT INCHES	DEPTH FIRE POT INCHES	WIDTH CASTING INCHES	HEIGHT CASTINGS INCHES	EST. SQ. IN. PIPE CAPACITY	LIST PRICE CASTINGS ONLY	LIST PRICE CASTINGS ONLY
19	20	12	37	51	450	\$40.00	\$190.00
29	22	12	40	54	550	45.00	220.00
39	24	13	45	57	650	50.00	270.00
49	26	14	50	61	800	55.00	330.00
59	28	14	55	66	1050	60.00	430.00
69	32	15	62	72	1500	70.00	550.00

Not What They Cost—But What They Save

If the efficiency of the furnace is to be kept up, a self-cleaning radiator is absolutely necessary. Other forms of radiators have cleanouts, which are never used in winter. The radiator fills up with soot, ashes, and dirt, and as it fills cuts off the radiating surface, lessening the efficiency of the furnace.

This is why, at the end of the winter, the same work cannot be gotten out of such defective form of radiator.

Our radiator is absolutely self-cleaning and never needs attention. Its thorough efficiency is maintained at all times.

Discount.....Per Cent



THE SKYLINE OF THE NATION ENDORSES US
59 NORTH SECOND ST., L. D. BERGER COMPANY PHILADELPHIA, PA.

Standard Pipeless Furnace



DIMENSIONS

No.	.No	DIA. CASING INCHES	DIA. FIRE POT INCHES	DIA. SMOKE PIPE INCHES	GRATING INCHES	WARM AIR PIPE INCHES	FEET CUBIC CONTENTS WILL HEAT	LIST PRICE COMPLETE
19	218	37	20	8	30 x 30	22	10,000	\$275.00
29	228	40	22	8	35 x 35	24	13,000	320.00
39	238	45	24	8	35 x 35	26	18,000	380.00
49	248	50	26	9	40 x 40	28	23,000	460.00
59	258	55	28	9	40 x 40	30	30,000	570.00
69	269	62	32	10	45 x 45	36	40,000	710.00

Sizes ending in 9 are used as Hard Coal Furnaces. Sizes ending in 8 are used as Soft Coal Furnaces.

This furnace will be found an excellent means of heating summer homes and camps. It will heat bungalows and dwellings of other design. It is a swift and rapid air circulator and by means of it the air of the house can be thoroughly circulated both upstairs and down and made comfortable and warm.

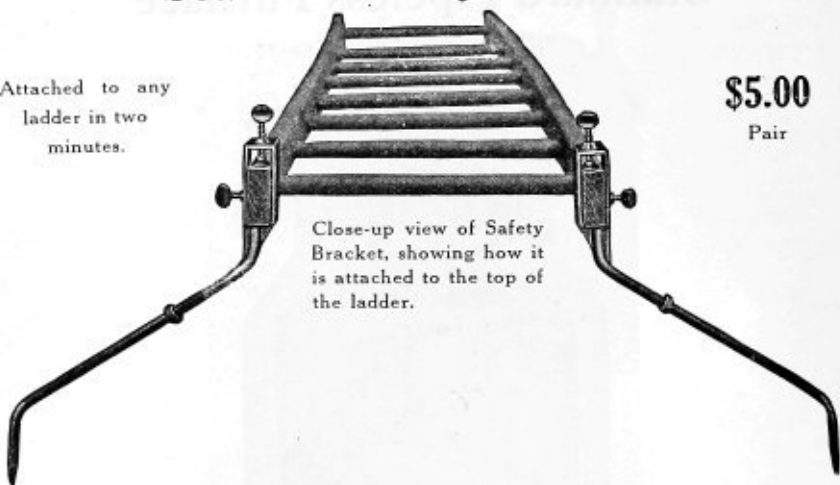
Discount.....Per Cent

Seaman Safety Bracket

Attached to any
 ladder in two
 minutes.

\$5.00
 Pair

Close-up view of Safety
 Bracket, showing how it
 is attached to the top of
 the ladder.



Spruce Ladders

New Improved Automatic Extension

Manufactured from Clear Spruce.
 All sides $1\frac{1}{4}$ x 3 in. Turned White
 Ash and Hickory Rungs; malleable
 gravity hooks; large rope and pul-
 ley; straight bottom; guide on slid-
 ing section; regular eastern style.

Made in the Following Lengths

- 20-foot Extension, 2 10-foot Sections
- 22-foot Extension, 2 11-foot Sections
- 24-foot Extension, 2 12-foot Sections
- 26-foot Extension, 2 13-foot Sections
- 28-foot Extension, 2 14-foot Sections
- 30-foot Extension, 2 15-foot Sections
- 32-foot Extension, 2 16-foot Sections
- 34-foot Extension, 2 17-foot Sections
- 36-foot Extension, 2 18-foot Sections
- 38-foot Extension, 2 19-foot Sections
- 40-foot Extension, 2 20-foot Sections
- 44-foot Extension, 2 22-foot Sections

Net price per foot quoted
 on application.



Prevent Accidents

You will notice in this illustration the tinsmith using the Safety Bracket below a 2 ft. 8 inch cornice, and the easy manner he can reach his work of hanging gutters. The Safety Bracket holds the ladder from slipping, if the man using it has to reach beyond for the next clip.

The other ladder in the cut shows the Safety Bracket resting on the shingle and holding the ladder away from the gutter, enabling the tinsmith to work without fear of falling or having the wind blow his ladder over, as has often happened with the ladder resting against the metal gutter. He has free and easy access to work on the inside of his gutter, take the gutter down or put same in place without reaching or moving his ladder.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Ladder Jacks

This ladder jack is hand forged from the best Norway iron.

Arms: 20 in. long.
Brace Arm: 37 in. long, with easily adjusted double hook, and thumb nut attached.

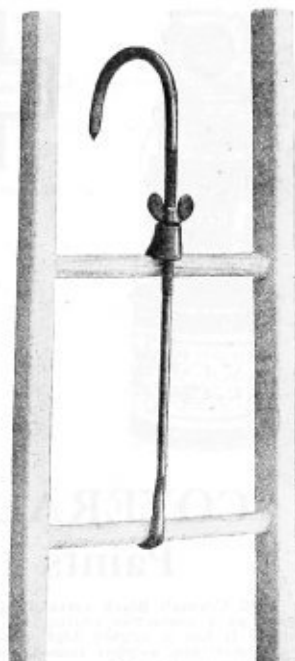
This jack can be used on either side of ladder, and can be operated at any angle.

Size of stock used, $\frac{3}{8}$ x $\frac{1}{2}$.
Weight, 14 lbs. each.

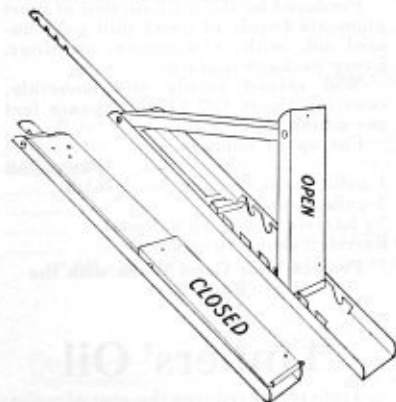
The Adjustable Ladder Hook

This hook is not welded together like the ordinary style, but is drawn to size, making it doubly strong. Easily adjusted to any ladder and absolutely safe.

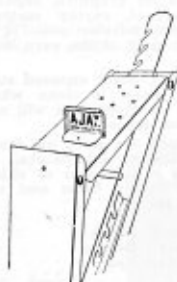
Indispensable in case of roof fires.



Ajax Folding Roof Bracket



Without Plank Stop



With Plank Stop



PLANK STOP

The Ajax Folding Roof Bracket is the most popular bracket on the market. Made of No. 16 and 18 gauge galvanized metal formed and riveted in such a manner making a bracket guaranteed to carry any weight that can be piled on. Instantly adjustable to any pitch of the roof. Boards or planks up to 12 inches can be used. Pays for itself on first job. Each set.

No. 1—Without plank stop	\$2.45
No. 2—With plank stop	2.65



59 NORTH SECOND ST., L. D. BERGER COMPANY PHILADELPHIA, PA.



"COVERALL" Paints

2000 Coverall Black certainly is making good as a protective coating for iron and steel. It has a mighty high resistance to heat, moisture, sulphur fumes, acids, alkalis, brine and smoke.

It sticks to galvanized iron. If you do not want black as the finish, put any color you wish on top of 2000 Coverall Black.

This paint contains no graphite, asphaltum, tar, rosin, charcoal, earthy matter, benzene, turpentine, nor inferior oils. It is an absolutely pure product of the very best grade.

Two good coats will protect exposed surfaces for 10 or 15 years, if clean when coated. It retains its elasticity and will not blister, chip, crack, nor scale.

These Coverall paints are pure old-fashioned kettle-boiled linseed oil paints. If you've never had the satisfaction of using them, we'd like you to try them and see how good they truly are.

2000 Coverall Black
900 Coverall Brown
800 Coverall Red

1 Gallon Can, per gallon	\$.....
5 Gallon Can, per gallon	.....
10 Gallon Can, per gallon	.....
1/2 Barrel, per gallon	.....
1 Barrel, per gallon	.....

Medal Iron Oxide Roof and Barn Paint
Made in Red or Brown

1 Gallon Can, per gallon	\$.....
Barrels	.....

Roof Paint

THE HIGHEST QUALITY MADE
READY TO USE
VENETIAN RED
METALLIC BROWN

Produced by the introduction of inert pigments (oxide of iron) into pure linseed oil, with a minimum of drier. Every package uniform.

Will spread evenly and smoothly, covering about 500 to 600 square feet per gallon on new tin.

Put up as follows:

Per gallon	
1-gallon cans (6 cans per case), \$	.....
5-gallon cans	.....
1/2 barrels (25 to 30 gallons)	.....
Barrels (about 50 gallons)	.....

Protect Your Good Work with the
Best Paint

Tinners' Oil

Tinners' oil reduces the cost of paint, and when used in conjunction with linseed oil makes a roofing oil of great wearing quality. Can be used as a dryer. Dries with a gloss in from two to five hours. Sets sufficiently inside of an hour to be safe from rain. Write for price.

Price, according to quantity..... net per gallon



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Roofing Cement

"PECORA" ELASTIC ROOFING CEMENT

For bedding or laying slate, tile and metal roofs. Remains elastic for years. Expands and contracts with heat and cold. For repairing roofs, chimney joints and can be used in all places where solder cannot.

Made in three standard shades, viz., Red, Brown and Slate Color.

PRICES

	Per lb.		Per lb.
1-lb. cans	\$.....	25-lb. cans	\$.....
2-lb. cans	50-lb. kegs .....	.....
3-lb. cans	100-lb. to 300-lb. kegs .....	.....
5 and 10-lb. cans	800-lb. barrels .....	.....

HETZEL'S ELASTIC RUBBER ROOF CEMENT

Of the same general consistency as "Pecora" Cement, and made for the same purposes. Hetzel's Cement is greatly preferred over all others by many roofers.

Made in the three standard colors of Red, Brown and Black; also Gray and Green, if so desired.

	Per lb.
1-lb. can, net	\$.....
5-lb. can, net
10-lb. can, net
25-lb. can, net
50-lb. tubs, net
100-lb. tubs, net
Bbls. and 1/2 bbls.

TOCOSEAL ASBESTOS FIBRE CEMENT

It is especially adapted for resurfacing old tin, galvanized iron, gravel, paper and composition roofs, and metal sidings. This cement is a high-grade roofing proposition. Write for prices and information.

Furnace Cement

"PECORA" ASBESTOS FURNACE CEMENT

IN PASTE FORM

For mounting furnaces, heaters and stoves.

For cementing joints exposed to intense heat. Iron will melt where this cement will stand.

Odorless, indestructible, fire and acid proof. Attaches itself to either side of the iron, will not shrink or crack, and makes a gas-tight joint.

Price List Per Pound

1 pound cans	\$0.18
2 pound cans .....	.17
3 pound cans .....	.16
5 pound cans .....	.14
10 pound cans .....	.14

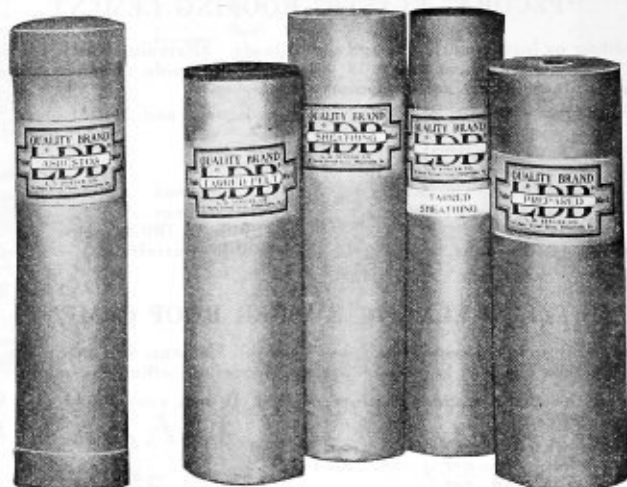
25 pound cans	\$0.14
50 pound buckets .....	.13 1/2
100 pound tubs or kegs .....	.11
Barrels, about 800 pounds .....	.10
Discount	Per Cent.





THE SKYLINE OF THE NATION ENDORSES US
59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Prepared Roofing



Roofing—Talc Surfaced

(EXTRA QUALITY)

This is by every test the best roofing of its kind on the market today.

No. 1, Light, about 35 lbs. per sq.
No. 2, Medium, about 45 lbs. per sq.
No. 3, Heavy, about 55 lbs. per sq.

GUARD (SPECIAL QUALITY)

This roofing is offered as a good average quality product. It will give good service on the roof. Where the highest quality roofing is not necessary this product is recommended.

No. 1, Light, about 35 lbs. per sq.
No. 2, Medium, about 45 lbs. per sq.
No. 3, Heavy, about 55 lbs. per sq.

Roofing—Slate Surfaced

(EXTRA QUALITY)

Blue-Black, Red or Green

Guaranteed 10 years

Weight, about 90 lbs. per sq.

MAJOR (STANDARD QUALITY)

Blue-Black, Red or Green

Weight, about 80 lbs. per sq.

Above Weights Are Approximate

Felts—Insulating Paper

TARRED FELT

Always specify weight in ordering

No. 1, 20 lbs. per 100 sq. ft., 216 sq. ft. per roll
No. 2, 15 lbs. per 100 sq. ft., 324 sq. ft. per roll
No. 3, 12 lbs. per 100 sq. ft., 500 sq. ft. per roll
Nos. 1, 2 or 3
Slaters' Felt, 30 lbs., 500 sq. ft. per roll

Sheathing Paper

500 sq. ft. rolls, 36 inches wide

No. 20, about 20 lbs. per roll
No. 25, about 25 lbs. per roll
No. 30, about 30 lbs. per roll
No. 35, about 35 lbs. per roll
No. 40, about 40 lbs. per roll

Red ... per ton

Above Weights and Measures Are Approximate

Asbestos Paper

This sheathing is manufactured from a mineral fibre, possessing the highest fire-proof and non-conducting qualities, rendering it a valuable protection against fire and is extensively used for covering heater pipes and similar purposes.

Furnished in rolls 36 inches wide, graded 10, 12 and 14 pounds per 100 square feet, and in rolls of approximately 50 pounds each.

Price in 1,000 lb. lots or more, \$..... per 100 lbs., net.

Price less than 1,000 lb. lots, \$..... per 100 lbs., net.

Asbestos Cold Water

Dry Paste

For Applying Asbestos Paper, etc.

Can instantly be prepared by adding cold water. Requires no boiling. Put up in 2 lb. bags or sold in bulk.

Price per pound.....\$.....
Price according to quantity.



59 NORTH SECOND ST., **L.D. BERGER COMPANY** PHILADELPHIA, PA.

Roofing Paint Brushes



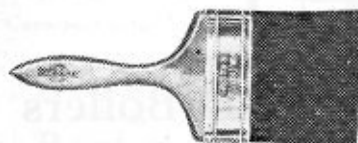
HAND AND POLE

Our stock of Paint Brushes includes brushes of all types, sizes and quality.

A brush to meet all requirements.

	Each
4 in. Hand Brush.....	\$.....
7 in. Wall Brush.....
8 in. Wall Brush.....
3 in. Knott Brush.....
4 in. Knott Brush.....

Prices Upon Request



Putty

This putty is made especially for use on metal work. It will not get either hard or soft in the cans and will keep longer than any other grade.

	Per Pound
In cans, 25 and 50 lbs. each.....	\$.....

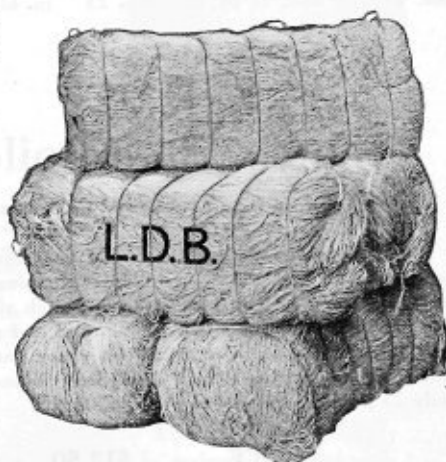
Mop Yarn

Mop Yarn, which is just the thing for putting pitch on a roof, comes in five-pound bundles, and 100-pound bales.

Price, per lb. \$.....

TIN CAPS FOR ROOFING

Concave or Flat



Price according to quantity.
A barrel contains about 300 pounds.



Pitch Boilers

Our Pitch Boilers possess advantages that cannot be claimed by the ordinary. The illustration is from an actual photograph and shows the general construction. We manufacture these articles of the best materials, which were designed with the idea in mind that they must make good with the man on the job.

No. 1— $\frac{1}{6}$ Bbl., 12 in. diameter, 11 in. high, 4 in. Smoke Collar . . .	\$12.50
No. 2— $\frac{1}{2}$ Bbl., 15 in. diameter, 21 in. high, $4\frac{1}{2}$ in. Smoke Collar . . .	25.00
No. 3— $\frac{3}{4}$ Bbl., 18 in. diameter, 22 in. high, 5 in. Smoke Collar . . .	30.00
No. 4—1 Bbl., 20 in. diameter, 23 in. high, $5\frac{1}{2}$ in. Smoke Collar . . .	32.00
No. 5— $1\frac{1}{4}$ Bbl., 22 in. diameter, $22\frac{1}{2}$ in. high, 6 in. Smoke Collar . . .	37.50
No. 6— $1\frac{1}{2}$ Bbl., 25 in. diameter, 23 in. high, 7 in. Smoke Collar . . .	41.25

L. D. B. Handy Pitch Boiler

Showing in Detail Its Sturdy Construction

This Kettle is the roofer's best friend because it is with him all the time. No ladder climbing—hauling buckets of pitch. It furnishes the hot pitch right where the patching is done. It saves time, fuel and pitch. We guarantee it to save you \$1.00 on every patching job done. It is constructed in the sturdiest manner, weighs only 25 pounds, and is a one-man outfit.

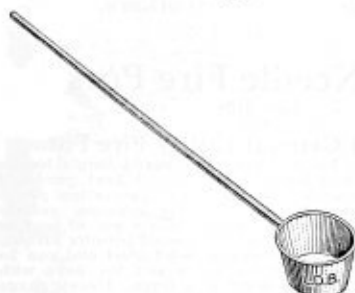
PRICE - \$12.50





59 NORTH SECOND ST., **L.D. BERGER COMPANY** PHILADELPHIA, PA.

Pitch Dippers



Constructed for long life... \$2.75 each

Slag Wheel or Roofers' Hoisting Block



This is a light, but at the same time a very strong and serviceable block. Hook, frame and pin are of forged steel and sheave of best gray iron. Diameter of sheave 12 inches.

Price \$3.00 each
Slag Roofing Spade..... 2.50 each

Slag Brooms

14 in. \$1.00 each net
16 in. 1.10 each net

Roofers' Buckets



Made in Two Sizes

No.	Diam.	Height	Each
No. 1	12 in.	11 in.	6 gals. \$2.75
No. 2	14 in.	11 in.	10 gals. 3.00

Used by roofers as mopping and carrying buckets.

Roofing Pitch



Our roofing pitch is the very best grade procurable.

Barrels, approximately 350 pounds.

Roofing Slag

In carload quantities only.
Best Prices Quoted on Application



THE SKYLINE OF THE NATION ENDORSES US
59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Clayton & Lambert's Gasoline Fire Pots

For Tinner's Galvanized Iron and Copper Workers,
Plumbers and Electricians



No. 91—List Price \$26.60
Capacity One Gallon

Single Needle Fire Pots

For Gasoline
(Patented)

The Greatest General Utility Fire Pot

The No. 91 Fire Pot has our latest improved Single Needle Burner, which is a marvel for the intensity of heat produced and simplicity of construction. It has great generating power and burns perfectly either high or low test gasoline, quickly heating a pair of 12-lb. soldering coppers, and a pot of lead or solder can be melted at the same time. A swivel permits turning the burner up or down. The top section is of steel and can be quickly removed by loosening a set screw and the base with burner used as an open fire, the same as a torch. Heavy gauge drawn steel tank is tinned inside and out, which prevents rust. It is strongly reinforced and fitted at base with Patented Cushion Band, which protects it from injury. No. 91 is a popular Fire Pot for tinner's and plumbers and general utility use. It is not affected by wind or extreme cold weather.

Shipping weight, each, 13½ lbs.; per dozen, 176 lbs.
No. 1 Fire Pot is the same as No. 91 but fitted with Double Blunt Needle Burner.

Coil Fire Pot

For Gasoline
(Patented)

The No. 22 Coil Fire Pot has many improved features that put it in a class by itself. It will withstand more hard service, produce a hotter fire using less fuel, and the cost for upkeep is less than any other Coil Fire Pot. The drawn steel tank is leak-proof and heavily coated with tin inside and out. This prevents rust that works up into the coil and burner, which is a cause of frequent clogging. The patented three-piece coil cup and shield are of heavy steel. The uprights and all fittings are extra heavy and the very best. Sold under the maker's guarantee.

Shipping weight, each, 12½ lbs.; per dozen, 165 lbs.

The No. 12 Coil Fire Pot is exactly like the No. 22 except it is fitted with air valve and bulb.

Shipping weight, each, 12½ lbs.; per dozen, 165 lbs.



No. 22—List Price \$20.60
Capacity One Gallon

Single Needle Fire Pots

For Gasoline
(Patented)

Noiseless, Smokeless and Odorless

Our new improved No. 80 Single Needle Fire Pot produces an intensely hot noiseless blue flame, burning perfectly either high or low test gasoline. The superheated gas which passes through many small holes in the burner plate tubes burns from both sides toward the center. A sub-flame permits turning the heating flame low between jobs, thus saving fuel expense. The top section is of cast iron and the tank of heavy gauge drawn steel, reinforced, fitted with Patented Cushion Band at the base, which protects it from injury and makes the tank leak-proof. The metal is heavily coated with tin both inside and out, thus preventing rust. The powerful pump produces air pressure quickly. No. 80 is the ideal Fire Pot for either indoor or outside work under severe weather conditions. A pair of coppers up to twelve pounds can be quickly heated and a 6" pot of metal melted at the same time. It is a favorite for tinner's use and for all work requiring intense heat.

Shipping weight, each, 21½ lbs.; per dozen, 258 lbs.



No. 80—List Price \$30.30
Capacity One Gallon

Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Single Needle Torches

For Gasoline
Hook is Removable

**Our Improved Burner Produces Over
300 Degrees More Heat**

The No. 32 Torch has been the favorite with mechanics for many years. Improvements have been added from time to time, giving the user the best possible service, and our new burner, which has wonderful generating power, now places the No. 32 far in the lead of all other single needle torches. It produces over 300 degrees more heat than any Torch on the market burning low test fuels perfectly. The tank is of heavy gauge brass strongly reinforced on the inside. The pump and all fittings are the very best and the sturdy construction of this tool is well known to thousands of users. No. 32 saves time and fuel and will outlast two ordinary Torches.

Shipping weight, each, 4 1/4 lbs.; per dozen, 56 lbs.

The No. 38 Torch is exactly the same as No. 32 except smaller, one pint size.

Shipping weight, each, 3 lbs.; per dozen, 42 lbs.



No. 32—List Price \$18.00
Capacity One Quart

Double Needle Torches

For Gasoline

(Patented)

Hook is Removable

The Greatest General Utility Torch

The No. 208 is the most powerful quart Torch ever produced. The Improved Double Needle Burner generates from 200 to 300 degrees more heat and burns Gasoline. Both Needles are blunt, which makes it impossible to ruin the Burner by enlarging the orifice, and overcomes fully sixty per cent. of all burner troubles caused by Sharp Pointed Needles. The Upper Needle has a wire tip that cleans the orifice. Lower Needle regulates the flame. The many improved features recommend this Torch for quick work and economy of time and fuel and especially low cost of upkeep. The ideal Torch for cold and windy weather.

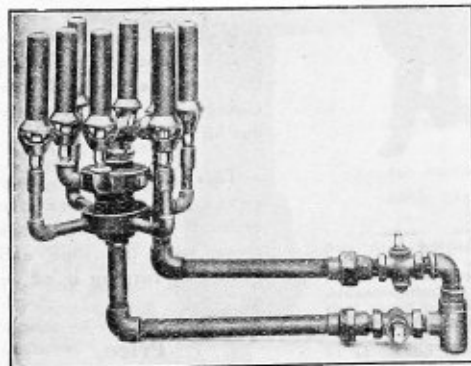
Shipping weight, each, 5 1/4 lbs.; per dozen, 68 lbs.

The No. 210 Torch is exactly the same as No. 208 except smaller, One Pint Size.

Shipping weight, each, 4 lbs.; per dozen, 52 1/2 lbs.



No. 208—List Price \$19.00
Capacity One Quart



A Powerful Battery of Atmospheric Gas Burners

**Which Can Be Installed in Any
Candy Furnace**

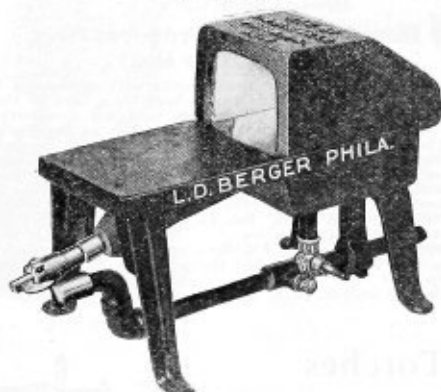
Can be used under any large melting pot or kettle where a high degree of heat is required.

Any combination of burners or construction for special purpose quoted on receipt of specifications.

	8-Point Burner	12-Point Burner
Shipping weight	20 lbs.	30 lbs.
Height	12 in.	15 in.
Outside diameter	12 in.	14 in.
Gas consumption per hour	100 ft.	150 ft.
Price	\$33.00	\$37.50

Discount Per Cent.

Soldering Iron Furnace No. 1

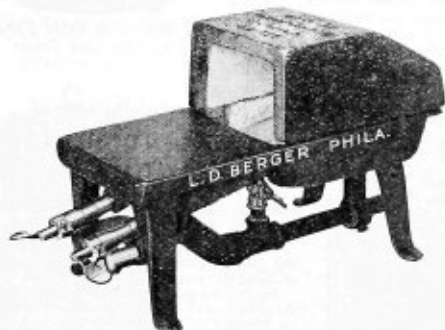


There is a demand for a furnace of this type which the Berger product completely satisfies. Without the need of a blower, it shoots a powerful hot blast at the touch of the lever.

Consumes $1\frac{1}{4}$ feet of gas an hour. Length, 12 inches; weight, 12 pounds; fire pot opening, $3\frac{1}{2} \times 2\frac{1}{2}$ inches. The price is \$11.00.

This furnace is very strongly made of the best materials, is equipped with a pilot light, and will stand a little rougher usage than it is ever likely to receive.

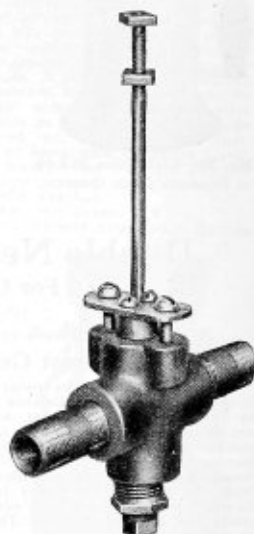
Double Soldering Iron Furnace No. 101



The Berger 101 Furnace is super-heated with two bunsens, which can be used separately. This is one of the most powerful atmospheric gas furnaces yet produced. In the busy shop this Berger outfit is indispensable. It always does its share of the work well, and never fails when pressed for greater service. Easily adjusted, and practically indestructible.

Consumes $1\frac{1}{4}$ to $2\frac{1}{2}$ feet of gas in an hour. Is 14 inches long; weight, 18 pounds; the fire pot opening is $4\frac{1}{4} \times 2\frac{3}{4}$ inches. Price \$14.00.

The Berger Automatic Cut-Off Valve



For use in automatically cutting off gas, or air and gas.

It operates by pressing a foot or hand lever. When the lever is released, the connections are perfectly cut off.

This device not only saves a considerable amount of gas, but does away with the time and bother of turning it off or on.

**Price,
\$3.75 each**



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Gas Appliances

The Berger Adjustable Bunsen Burner

Can be used for any purpose where an intense heat is necessary. It will operate equally well with hose or pipe connection. Good for heating soldering irons, tempering and annealing, lead and babbitt melting, etc. Consumes $1\frac{1}{4}$ feet of gas an hour. Adjustment of flame is obtained by turning the burner top.

Price, \$2.10

Berger Hand Torch

Designed for use on small flexible tubing, and suitable for removing paint, tempering, annealing, etc. Consumes $1\frac{1}{4}$ feet of gas an hour.



The Berger Adjustable Urn Burner

Suitable for use under coffee urn or for any other purpose where a clean, steady heat is required.

It can be used to advantage with a hose connection.

This burner is adjustable and will not flare back. The size of the flame can be adjusted by turning the burner top.

Consumes $1\frac{1}{4}$ feet of gas an hour.

Price of Burner... \$2.75

With Stand..... 3.75



We design gas appliances for special installations and uses. We will be glad to furnish particulars as to cost and operating expense upon receipt of specifications.

The Berger Special Atmospheric Burner

As an example of the cost of operating, this burner cooks 60 pounds of candy to 256 degrees at a cost of $\frac{1}{8}$ of a cent a pound. It can be installed in coal or gas furnaces for various purposes. Furnished with a $\frac{3}{4}$ inch gas cock and connection.

Height	16 inches
Outside Diameter	10 $\frac{1}{2}$ inches
Shipping Weight	18 lbs.
Consumption	145 feet per hour
Price	\$18.00



Parker-Kalon Hardened Sheet Metal Screws



are steel screws designed expressly for sheet metal work. They are threaded and hardened in such a manner as to enable them to cut into sheet metal without stripping their threads. In fact, they function in sheet metal like a tap does in iron or steel.

Vibration won't work them loose.

Made with round or flat heads in the following sizes:

No. 6x $\frac{3}{8}$ "	5/32" x $\frac{3}{8}$ "	No. 10x $\frac{1}{4}$ "	3/16" x $\frac{1}{4}$ "
No. 7x $\frac{1}{2}$ "	$\frac{1}{8}$ " x $\frac{1}{2}$ "	No. 14x $\frac{3}{8}$ "	$\frac{1}{4}$ " x $\frac{3}{8}$ "
No. 10x $\frac{3}{4}$ "	5/16" x $\frac{3}{4}$ "	No. 14x $\frac{1}{2}$ "	$\frac{1}{4}$ " x $\frac{1}{2}$ "

Packed in boxes containing 1 gross or 1,000 of a size.

Kalon No. 7 Stop Punch



In order to obtain satisfactory results, the holes for Sheet Metal Screws must be neither too large nor too small. The Stop Punch makes them exactly right. Made in four sizes, one for each diameter; namely, No. 6, No. 7, No. 10 and No. 14.

Wire Nails

BARBED ROOFING NAILS

SIZE	LENGTH AND GAUGE	APPROX. NUMBER TO LB.
$\frac{3}{4}$ "	$\frac{3}{4}$ " No. 13	714
$\frac{7}{8}$ "	$\frac{7}{8}$ " No. 12	469
1"	1" No. 12	411
1 $\frac{1}{8}$ "	1 $\frac{1}{8}$ " No. 12	365
1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ " No. 11	251
1 $\frac{3}{8}$ "	1 $\frac{3}{8}$ " No. 11	230
1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ " No. 10	176
1 $\frac{3}{4}$ "	1 $\frac{3}{4}$ " No. 10	151
2"	2" No. 9	103



SLATING NAILS

SIZE	LENGTH AND GAUGE	APPROX. NUMBER TO LB.
2d	1" No. 12	411
3d	1 $\frac{1}{4}$ " No. 10 $\frac{1}{2}$	225
4d	1 $\frac{1}{2}$ " No. 10 $\frac{1}{2}$	187
5d	1 $\frac{3}{4}$ " No. 10	142
6d	2" No. 9	103



We can also supply any regularly made Wire or Cut Nail, Black or Galvanized or Copper



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

WIRE NAILS

COMMON NAILS

SIZE	LENGTH AND GAUGE		APPROX. NUMBER TO LB.
2d	1 inch	No. 15	876
3d	1 1/4 inch	No. 14	568
4d	1 1/2 inch	No. 12 1/2	316
5d	1 3/4 inch	No. 12 1/2	271
6d	2 inch	No. 11 1/2	181
7d	2 1/4 inch	No. 11 1/2	161
8d	2 1/2 inch	No. 10 1/4	106
9d	2 3/4 inch	No. 10 1/4	96
10d	3 inch	No. 9	69
12d	3 1/4 inch	No. 9	63
16d	3 1/2 inch	No. 8	49
20d	4 inch	No. 6	31
30d	4 1/2 inch	No. 5	24
40d	5 inch	No. 4	18
50d	5 1/2 inch	No. 3	14
60d	6 inch	No. 2	11

SLATING NAILS

SIZE	LENGTH AND GAUGE		APPROX. NUMBER TO LB.
2d	1 inch	No. 12	411
3d	1 1/4 inch	No. 10 1/2	225
4d	1 1/2 inch	No. 10 1/2	187
5d	1 3/4 inch	No. 10	142
6d	2 inch	No. 9	103

SHINGLE NAILS

SIZE	LENGTH AND GAUGE		APPROX. NUMBER TO LB.
3d	1 1/4 inch	No. 13	429
3 1/2 d	1 3/4 inch	No. 12 1/2	345
4d	1 1/2 inch	No. 12	274
5d	1 3/4 inch	No. 12	235
6d	2 inch	No. 12	204

BARBED ROOFING NAILS

SIZE	LENGTH AND GAUGE		APPROX. NUMBER TO LB.
3 1/4 inch	1 1/4 inch	No. 13	714
7 1/2 inch	3/4 inch	No. 12	469
1 inch	1 inch	No. 12	411
1 1/4 inch	1 1/4 inch	No. 12	365
1 1/2 inch	1 1/2 inch	No. 11	251
1 3/8 inch	1 3/8 inch	No. 11	230
1 1/2 inch	1 1/2 inch	No. 10	176
1 3/4 inch	1 3/4 inch	No. 10	151
2 inch	2 inch	No. 9	103

LARGE HEAD BARBED ROOFING NAILS

SIZE	No. 8 1 1/2" Head	No. 9 1 3/2" Head	No. 9 1/2 2 1/4" Head	No. 10	
				3 1/4" Head	3 1/2" Head
1 1/2 inch					
1 3/4 inch					
1 1/2 inch					
1 3/4 inch					
2 inch					

For thickness in decimals, see steel wire table of corresponding gauge numbers on page 107.

POPULAR SOLDERING FLUXES

FLUX	USED WITH	METALS TO BE JOINED
Rosin.....	Copper bit or blowpipe.....	Lead, tin, copper, brass, and tinned metals
Tallow, unsalted.....	Wiping process. Copper bit or blowpipe.....	Lead, tin or tinned metal
Sal Ammoniac.....		Copper, brass, and iron
Muriatic Acid.....	Copper bit or blowpipe and copper bit.....	Dirty zinc, clean zinc, copper, brass, tin, and tinned metals
Chloride of Zinc.....	Copper bit or blowpipe.....	Lead and tin tubes
Resin and Sweet Oil.....		Iron, Steel, Toncan Metal, Copper, and brass
Borax.....	Blowpipe.....	Brass

A Soldering Acid that will solder Cast Iron, Steel, Toncan Metal or Iron of any kind. Will not rust as other acids.

In one pint of muriatic acid, dissolve all the sheet zinc it will take up, then strain off the acid and put in as much concentrated ammonia as will turn the acid white like milk; shake this well and then put in half an ounce of sal ammoniac, half dram spirits of turpentine and three drams of alcohol, shake well and keep corked while not using. This will flow better than any other for soldering.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Flat-Head Iron Tinnerns' Rivets

BEST NORWAY IRON



PER 100

Size, oz.....	8	10	12	14	1 lb.	1 1/4	1 1/2	1 3/4	2	2 1/2
Black.....	\$0.32	\$0.36	\$0.41	\$0.45	\$0.48	\$0.54	\$0.62	\$0.67	\$0.72	\$0.83
Size, lb.....	3	3 1/2	4	5	6	7	8	9	10	12
Black.....	\$0.96	\$1.09	\$1.20	\$1.30	\$1.50	\$1.75	\$2.00	\$2.20	\$2.40	\$2.64

Discount,%

Tinning, cts. per Lb. net Extra

Swedes' Iron Burrs

List of May 19, 1920

PER POUND

Size.....	1/2"	3/8"	3/4"	1 1/2"	1 1/4"	No. 1 or 3/32"	No. 2 or 1/16"	No. 3	1/4"	No. 4	No. 5 or 1/8"
Price....	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.40	\$0.41	\$0.42

Size.....	No. 6	1/2"	No. 7	No. 8 or 1/4"	No. 9	No. 10	No. 11	No. 12	No. 13 or 3/16"	No. 14
Price.....	\$0.46	\$0.46	\$0.47	\$0.48	\$0.49	\$0.51	\$0.54	\$0.64	\$0.74	\$0.84

Tinning, cts. per Lb. net Extra

Discount,%

LARGE HEAD NATIONAL STANDARD THREAD



Flat and Round Head Stove Bolts



PER 100

List adopted November 1, 1924

LENGTH	DIAMETER			LENGTH	DIAMETER		
	3/32"	3/16"	1/4"		3/32"	3/16"	1/4"
3/8-inch.....	\$0.60	\$0.60	.....	2- inch.....	\$0.91	\$0.91	\$1.20
1/2-inch.....	.60	.60	\$0.84	2 1/4-inch.....	.....	1.05	1.30
5/8-inch.....	.60	.60	.84	2 1/2-inch.....	.....	1.15	1.40
3/4-inch.....	.60	.60	.84	2 3/4-inch.....	.....	1.20	1.50
7/8-inch.....	.63	.63	.88	3- inch.....	.....	1.25	1.60
1- inch.....	.63	.63	.91	3 1/4-inch.....	100	1.40	1.70
1 1/8-inch.....	.67	.67	.95	4- inch.....	to a	1.55	1.90
1 1/4-inch.....	.70	.70	.98	4 1/4-inch.....	paper	1.70	2.10
1 3/8-inch.....	.74	.74	1.02	5- inch.....	.....	1.85	2.30
1 1/2-inch.....	.77	.77	1.05	5 1/4-inch.....	.....	2.00	2.55
1 3/4-inch.....	.84	.84	1.15	6- inch.....	.....	2.15	2.75

Discount%



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

GAUGE TABLE OF SHEET ZINC

NUMBERS.....	7	8	9	10	11	12	13
AMERICAN OR U.S. GAUGE	29	28	26	25	25	23	22
Weight, per square foot	.52	.60	.67	.75	.90	1.05	1.20
Approx. thickness, inches	.014	.016	.018	.020	.024	.028	.032

SIZE SHEET	Sq. Ft. PER SHEET	APPROXIMATE WEIGHT PER SHEET						
24 x 84	14.0	7.3	8.4	9.4	10.5	12.6	14.7	16.8
28 x 84	16.3	8.5	9.8	10.9	12.2	14.7	17.1	19.6
30 x 84	17.5	9.1	10.5	11.8	13.2	16.8	18.4	21.0
32 x 84	18.7	9.7	11.2	12.6	14.1	16.9	19.7	22.5
36 x 84	21.0	10.9	12.6	14.1	15.8	18.9	22.0	25.2
40 x 84	23.4	12.2	14.1	15.7	17.6	21.0	24.6	28.1
48 x 84	28.0	14.6	16.8	18.8	21.0	25.2	29.1	33.6
52 x 84	30.4	15.8	18.3	20.4	22.8	27.4	31.9	36.5

NUMBERS.....	14	15	16	17	18	19	20
AMERICAN OR U.S. GAUGE	21	20	19	18	17	16	15
Weight, per square foot	1.35	1.50	1.68	1.87	2.06	2.25	2.62
Approx. thickness, inches	.036	.040	.045	.050	.055	.060	.070

24 x 84	14.0	18.9	21.0	23.5	26.2	28.9	31.5	36.7
28 x 84	16.3	22.0	24.5	27.4	30.5	33.6	36.7	42.7
30 x 84	17.5	23.6	26.2	29.4	32.8	36.1	39.4	45.8
32 x 84	18.7	25.3	32.8	31.4	35.0	38.5	42.0	49.0
36 x 84	21.0	28.4	31.5	35.3	39.3	43.3	47.2	55.0
40 x 84	23.4	31.6	35.1	39.3	43.8	48.2	52.6	61.3
48 x 84	28.0	37.8	42.0	47.0	52.4	57.7	63.0	73.4
52 x 84	30.4	41.0	45.6	51.0	56.9	62.6	68.4	79.6

ZINC GAUGE CAN BE MAINTAINED ONLY APPROXIMATELY

TABLE OF WEIGHTS OF SHEET COPPER OF LEADING SIZES

OUNCE PER SQUARE FOOT	STUBS' GAUGE (NEAREST No.)	THICKNESS IN DECIMAL PARTS OF 1 INCH	20	24	28	30	30	36
			x 96	x 96	x 96	x 96	x 96	x 96
10	20	.0134	8.33	10	11.65	7.81	12.50	15
12	27	.0161	10.00	12	14.00	9.37	15.00	18
14	26	.0188	11.67	14	16.32	10.93	17.50	21
16	24	.0215	13.33	16	18.64	12.50	20.00	24
18	23	.0242	15.00	18	21.00	14.06	22.50	27
20	22	.0269	16.67	20	23.32	15.62	25.00	30

These weights are theoretically correct, but variations must be expected in practice

APPROXIMATE DIMENSIONS OF TINNERS' RIVETS

Revised October 21, 1884

SIZE	LENGTH	DIAMETER WIRE GAUGE	SIZE	LENGTH	DIAMETER WIRE GAUGE	SIZE	LENGTH	DIAMETER WIRE GAUGE
8 Ounce	$5\frac{3}{8}$	No. 13 $\frac{1}{2}$	2 Pound	$17\frac{1}{4}$	No. 9 $\frac{1}{2}$	7 Pound	$13\frac{1}{2}$	No. 5 $\frac{1}{4}$
10 Ounce	$11\frac{1}{4}$	No. 13	2 $\frac{1}{2}$ Pound	$5\frac{1}{2}$	No. 9	8 Pound	$5\frac{1}{6}$	No. 4 $\frac{3}{4}$
12 Ounce	$3\frac{1}{6}$	No. 12 $\frac{1}{2}$	3 Pound	$2\frac{1}{6}$	No. 8 $\frac{1}{2}$	9 Pound	$2\frac{1}{4}$	No. 4 $\frac{1}{2}$
14 Ounce	$3\frac{1}{6}$	No. 12	3 $\frac{1}{2}$ Pound	$2\frac{1}{4}$	No. 8	10 Pound	$1\frac{3}{32}$	No. 4
1 Pound	$12\frac{1}{4}$	No. 11 $\frac{1}{2}$	4 Pound	$1\frac{3}{32}$	No. 7 $\frac{1}{2}$	12 Pound	$\frac{5}{8}$	No. 3
1 $\frac{1}{4}$ Pound	$7\frac{3}{8}$	No. 11	5 Pound	$\frac{3}{8}$	No. 6 $\frac{1}{2}$	14 Pound	$4\frac{3}{8}$	No. 2
1 $\frac{1}{2}$ Pound	$15\frac{1}{4}$	No. 10 $\frac{1}{2}$	6 Pound	$2\frac{3}{4}$	No. 6	16 Pound	$1\frac{3}{32}$	No. 1
1 $\frac{3}{4}$ Pound	$\frac{3}{4}$	No. 10						



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

"Sure-Grip" Solder Iron Handle



Showing inside construction of the "Sure-Grip." The heat escapes through the hole in the direction indicated by arrows.

Also plain handles wired and with iron ferrules

Cuts a thread on the stem of the Solder Iron as it's being screwed on. Goes on like a nut on a bolt. Once on, it stays on. Can't get loose or come off unless it's unscrewed. Saves time and labor. Safe and comfortable to use. Eliminates all the troubles you have with ordinary handles. Used in thousands of shops. Try it once and you'll never use any other.

Can't split, can't come off, won't burn—stays cool, will outlast six ordinary handles. Pays for itself several times over in the time and labor it saves.

Made in 3 sizes:

No. 7 for stem $\frac{3}{8}$ " to $\frac{1}{2}$ " diameter.
(Generally $1\frac{1}{2}$ to 4 lb. solder irons)
No. 8 for stem $\frac{1}{2}$ " to $\frac{3}{4}$ " diameter.
(Generally 4 to 8 lb. solder irons)
No. 9 for stem $\frac{3}{4}$ " to $\frac{1}{2}$ " diameter.
(Generally 8 to 12 lb. solder irons)

Dogwood Mallets



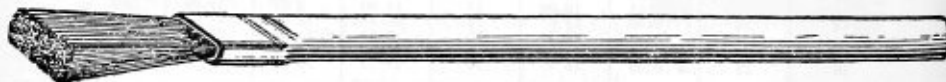
Numbers	0	1	2	3	4
Diameter of Face, inches	4	3½	3	2½	2
Length, inches	6½	6½	6	5½	5

Miller Mallets

The original composition mallet, moulded in one piece on Hickory handle. Will last a life time.

Mallet	Size	Weight Without Handle	Total Length Of Handle	List Price Per Dozen
No. 8	2" x 3½"	8 oz.	11"	.....
16	2½" x 4½"	16 oz.	12"	.....
24	2¾" x 5½"	24 oz.	14"	.....

Acid Swabs or Brushes



Per dozen \$.....
Per gross \$.....

	Each	Per Doz.
4-oz. Brick	\$0.25	\$2.50
8-oz. Brick	.40	4.00





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Solder

We handle two grades and take great care that each grade is always up to its proper standard. All new metal.

Prices are revised daily to the latest metal quotations.



L. D. Berger Genuine is a strictly $\frac{1}{2}$ and $\frac{1}{2}$ Solder of excellent quality, answering all ordinary requirements.



L. D. Berger Co.'s "Berco" is a better than 50-50 Solder made from a special formula carrying more Tin than Lead, which causes it to flow more freely and penetrate where required, leaving a thin, smooth finish, eliminating the usual piled up waste of the inferior quality and loss of time. While a trifle more costly per pound, saves dollars in the end.

Wire Solder

Half and Half quality. In any quantity desired.

Kester Acid-Core and Rosin-Core Wire Solder

Acid-Core is used for general soldering purposes, Rosin-Core for delicate electrical and radio work. Furnished in 1 and 5-pound spools.

Plumbers' Extra Wiping Solder in Cakes

Made entirely of new metal.

Bar Tin always carried in stock at lowest market prices.



Soldering Coppers



Best Riveted Handles

Sizes—1, $1\frac{1}{2}$, 2, 3, 4, 5, 6, 8, 10, 12 and 16 pounds per pair
Price per pound.....\$.....



A-S-P Soldering Fluid

This fluid is a heavy, water-white fluid that contains no acid, gives off no fumes, does not rust or corrode, does not stain, and does not injure the hands.

Solders tin, brass, copper, zinc, galvanized iron—everything from cast iron to gold (aluminum excepted).

Takes solder as well after drying as when wet.

Goes further than acid or cut acid.

Solders more quickly and gives a cleaner, smoother joint.

Preserves the soldering irons and keeps them clean.

Quart bottles\$.....

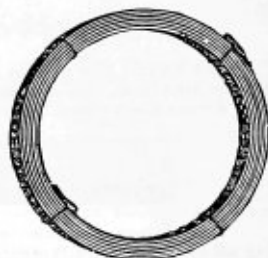
Gallon jugs\$.....

Hoop Iron—Galvanized

Sizes	
$\frac{5}{8}$ " x No. 22	$1\frac{1}{8}$ " x No. 18
$\frac{3}{4}$ " x No. 16, No. 20	$1\frac{1}{4}$ " x No. 18
$\frac{7}{8}$ " x No. 20	$1\frac{1}{2}$ " x No. 18
1" x No. 16, No. 18	2" x No. 16

In coils of about 35 to 40 pounds

Lowest Market Prices



Wire

**BRIGHT, ANNEALED, COPPERED
 TINNED AND GALVANIZED**

Large sizes in bundles of about 100 lbs. each. Small sizes in stones of 12 lbs. each.

Numbers 16, 17, 18, 19 Stove Pipe Wire, Black or Galvanized. Price per 12 lb. stone,

Heavy gauges average 100 lbs. per bundle. Price per lb,

Candles

PLUMBERS AND TINNERS

Size, $1\frac{1}{4}$ inch x 5 inches

Packed 100 (20 lbs.) to the case, price per case.....























Zinc and Copper Balls

IN HALVES

SIZES	ZINC EACH	COPPER, EACH	SIZES	ZINC, EACH	COPPER, EACH
1- inch.....	\$0.20	\$0.40	6-inch.....	\$1.80	\$3.20
$1\frac{1}{2}$ -inch.....	.24	.48	7-inch.....	2.20	4.40
2- inch.....	.28	.56	8-inch.....	2.72	5.20
$2\frac{1}{2}$ -inch.....	.34	.72	10-inch.....	3.60	7.80
3- inch.....	.48	.88	12-inch.....	5.20	10.00
$3\frac{1}{2}$ -inch.....	.60	1.12	14-inch.....	10.00	18.00
4- inch.....	.80	1.60	15-inch.....	13.00	26.00
5- inch.....	1.20	2.40	18-inch.....	25.00	52.00

Discount%

UNITED STATES STEEL WIRE GAUGE

Decimal Equivalents		Full Sizes of Plain Wire	American Steel & Wire Company's STEEL WIRE GAUGE No.	SIZES OF WIRE (Inches)		Milli- meters (Deci- mally)	Weight One Mile (Pounds)	Pounds per Foot	Feet to Pound
				Common Fractions	Decimally				
$\frac{1}{4}$ = .0156	$\frac{1}{16}$ = .5156		1		.2830	7.188	1128.0	2136	4.681
$\frac{1}{8}$ = .0312	$\frac{1}{8}$ = .5312		2	$\frac{1}{8}$	.28125		1114.0	211	
$\frac{3}{32}$ = .0468	$\frac{3}{16}$ = .5468		3	$\frac{1}{4}$	.2625	6.668	970.4	1838	5.441
$\frac{1}{16}$ = .0625	$\frac{1}{4}$ = .5625		4		.250		880.2	1667	
$\frac{5}{64}$ = .0781	$\frac{1}{2}$ = .5781		5		.2437	6.190	836.4	1584	6.313
$\frac{3}{32}$ = .0937	$\frac{11}{16}$ = .5937		6	$\frac{3}{8}$	.2253	5.723	714.8	1354	7.386
$\frac{7}{64}$ = .1093	$\frac{3}{4}$ = .6093		7		.21875		673.9	1276	
$\frac{1}{8}$ = .125	$\frac{5}{8}$ = .625		8		.2070	5.258	603.4	1143	8.750
$\frac{9}{64}$ = .1406	$\frac{11}{8}$ = .6406		9	$\frac{1}{2}$	.1920	4.877	519.2	993	10.17
$\frac{1}{4}$ = .1562	$\frac{1}{2}$ = .6562		10	$\frac{3}{4}$	.1875		495.1	937	
$\frac{1}{2}$ = .1718	$\frac{1}{4}$ = .6718		11		.1770	4.496	441.2	835	11.97
$\frac{1}{8}$ = .1875	$\frac{1}{16}$ = .6875		12	$\frac{5}{8}$	.1620	4.115	369.6	670	14.29
$\frac{1}{16}$ = .2031	$\frac{1}{8}$ = .7031		13		.15625		343.8	651	
$\frac{3}{32}$ = .2187	$\frac{1}{4}$ = .7187		14	$\frac{1}{2}$	.1483	3.767	309.7	586	17.05
$\frac{1}{8}$ = .2343	$\frac{1}{4}$ = .7343		15	$\frac{3}{4}$	.1350	3.429	256.7	486	20.57
$\frac{1}{4}$ = .25	$\frac{1}{4}$ = .75		16		.1250		220.0	416	
$\frac{1}{16}$ = .2656	$\frac{1}{8}$ = .7656		17	$\frac{1}{2}$	.1205	3.061	204.5	387	25.82
$\frac{1}{8}$ = .2812	$\frac{1}{4}$ = .7812		18	$\frac{3}{4}$	.1055	2.680	156.7	296	33.69
$\frac{1}{16}$ = .2968	$\frac{1}{8}$ = .7968		19		.09375		123.8	234	
$\frac{1}{8}$ = .3125	$\frac{1}{4}$ = .8125		20	$\frac{1}{2}$	.0915	2.324	117.9	223	44.78
$\frac{1}{16}$ = .3281	$\frac{1}{8}$ = .8281		21		.0800	2.032	90.13	0170	58.58
$\frac{1}{8}$ = .3437	$\frac{1}{4}$ = .8437		22	$\frac{1}{2}$	.0720	1.829	73.01	0138	72.32
$\frac{1}{16}$ = .3593	$\frac{1}{8}$ = .8593		23	$\frac{3}{4}$	.0625	1.588	55.0	0104	95.98
$\frac{1}{8}$ = .375	$\frac{1}{4}$ = .875		24		.0540	1.372	41.07	.0077	128.6
$\frac{1}{16}$ = .3906	$\frac{1}{8}$ = .8906		25	$\frac{1}{2}$	.0475	1.207	31.77	.006	166.2
$\frac{1}{8}$ = .4062	$\frac{1}{4}$ = .9062		26	$\frac{3}{4}$	.0410	1.041	23.67	.0044	223.0
$\frac{1}{16}$ = .4218	$\frac{1}{8}$ = .9218		27		.0348	.8839	17.05	.0032	309.6
$\frac{1}{8}$ = .4375	$\frac{1}{4}$ = .9375		28	$\frac{1}{2}$	.0317	.8052	14.15	.002680	373.1
$\frac{1}{16}$ = .4531	$\frac{1}{8}$ = .9531		29	$\frac{3}{4}$	.0286	.7264	11.52	.002182	458.4
$\frac{1}{8}$ = .4687	$\frac{1}{4}$ = .9687		30		.0258	.6553	9.374	.001775	563.3
$\frac{1}{16}$ = .4843	$\frac{1}{8}$ = .9843		31	$\frac{1}{2}$	.0230	.5842	7.450	.001411	708.7
$\frac{1}{8}$ = .5	$\frac{1}{4}$ = 1.0		32	$\frac{3}{4}$	.0204	.5182	5.861	.001110	900.9
			33		.0181	.4597	4.614	.0008738	1144.
			34	$\frac{1}{2}$	.0173	.4394	4.215	.0007983	1253.
			35	$\frac{3}{4}$	.0162	.4115	3.696	.0007000	1429.
			36		.0150	.3810	3.169	.0006001	1666.
				$\frac{1}{2}$	.0140	.3556	2.760	.0005228	1913.
				$\frac{3}{4}$	.0132	.3353	2.454	.0004647	2152.
					.0128	.3251	2.307	.0004370	2288.
				$\frac{1}{2}$	.0118	.2997	1.961	.0003714	2693.
				$\frac{3}{4}$	.0104	.2642	1.523	.0002885	3466.
					.0095	.2413	1.271	.0002407	4154.
				$\frac{1}{2}$	.0090	.2286	1.141	.0002160	4629.

Upon the recommendation of the Bureau of Standards at Washington, a number of the principal wire manufacturers and important consumers have agreed that it would be well to designate this gauge as the "Steel Wire Gauge"; in cases where it becomes necessary to distinguish it from the British Standard Wire, Gauge is may be called the "United States Steel Wire Gauge." The name thus adopted has official sanction although without legal effect.

For copper wires and wires of other metals the gauge universally recognized in the United States is the "American Wire Gauge," also known as the Brown & Sharp. No confusion need arise between the Steel Wire Gauge and the American Wire Gauge because the fields covered by the two gauges are distinct and definite.

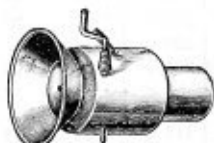
Standard Speaking-Tube



1 inch, price per foot..... \$.....
 1 inch, Stamped Elbows, each.....
 1 inch, Stamped Tee, each.....



Speaking-Tube Elbow



Speaking-Tube Whistle

Per Dozen Nickerled
 With indicator \$6.00
 Discount..... Per Cent.

Keystone Stove Boards

Paper-lined Boards are marked according to the sizes of blank plates from which they are made. One dozen in a crate.

A new feature in our Wood-lined Boards is the special manner in which the edges are fastened on the under side, which prevents all possibility of sides bulging.

Half dozen in a crate.

Crating charged extra for broken crates.



PAPER-LINED CRYSTAL

Round, No. 100 Square, No. 200
 Each Size Different Design

PAPER-LINED EMBOSSED

Round, No. 45 Square, No. 55
 Also Furnished Wood Lined

WOOD-LINED FLORAL INLAID PEARL

Square, No. 44

This Style also Furnished Paper Lined
 Each Size Different Design

Sizes 24x24, 26x26, 28x28, 30x30, 32x32, 34x34, 36x36
 Price, per dozen, on application



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Stove Pipe Collars

Size	Outside Measure	Per Dozen
3 in.	5 1/4 in.	\$
4 in.	6 1/4 in.	.....
4 1/2 in.	7 1/4 in.	.....
5 in.	8 in.	.....
5 1/2 in.	8 1/2 in.	.....
6 in.	9 1/4 in.	.....
7 in.	10 1/4 in.	.....
8 in.	11 1/4 in.	.....
9 in.	12 1/4 in.	.....
10 in.	13 1/4 in.	.....
Wide Flange	10 1/4 in.	.....
Discount		Per Cent.



McGuire Thimbles

The cast heads are well japanned. The cylinders are made of bright tin and are securely attached to the heads.

The heads are connected by spiral steel springs whose tension adjusts them to any thickness of floor or partition.

List, Per Dozen

Inches	5	6	7	8
6 to 12 inch extension (for floors)	\$11.00	\$12.00	\$14.00	\$17.00
4 to 8 inch extension (for walls)	10.00	11.00	13.00	16.00
Ceiling Plates	3.50	4.10	4.85	
Register Plates		13.50	14.25	
Discount			Per Cent.	



Dazzle Liquid Stove Polish

Fireproof

Packed 3 doz. cans in a case.

Price, per doz., \$



Blackene Stove Polish (Paste)

Blackest, quickest and most brilliant article. Guaranteed the best. Put up in five-pound cans.

Per pound, in 5-pound cans, \$



New Rutland Asbestos Stove Lining

The best stove clay made for lining stoves, ranges, furnaces, also for making repairs to broken or cracked linings, and for like uses. Has given satisfaction to the trade for years.

Price Per Doz.

No. 3 Package. Weight 3 lbs.	
Packed 2 dozen in case	\$
No. 6 Package. Weight 5 lbs.	
Packed 1 dozen in case .....	.....
No. 10 Package. Weight 10 lbs.	
Packed 1 dozen in case .....	.....
Barrel lots from factory, 350 to 450 lbs.	\$
Discount	Per Cent.

Flue Stoppers

Put up in boxes of one dozen each.

Per Dozen

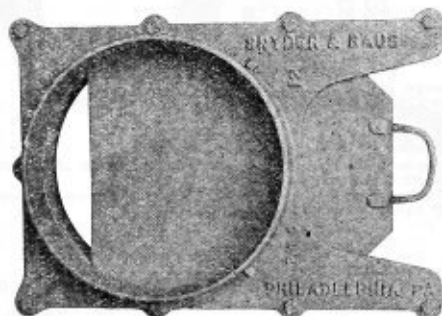
No. 3, 8 3/4 Diameter	\$
No. 5, 10 1/4 Diameter .....	.....

See illustration at top of this page



Blast Gates

To be placed in blast and exhaust pipes to close or regulate the volume of air or gases of any nature passing through them. The frames are substantial castings, carefully, fitted and provided with heavy steel slides.



The collars have tap bolts for securing the pipes and are slightly tapered so that the pipes may be fitted perfectly tight. Made in sizes listed below, all of which can be shipped promptly from Philadelphia stock. The sizes given are outside diameters of the collars over which the pipes slip.

SIZE	PRICE EACH	SIZE	PRICE EACH	SIZE	PRICE EACH	SIZE	PRICE EACH
2 inch	\$2.00	5 inch	\$4.00	11 inch	\$10.50	18 inch	\$50.00
2½ inch	2.20	6 inch	5.50	12 inch	12.00	20 inch	56.00
3 inch	2.40	7 inch	6.20	13 inch	14.00	22 inch	58.00
3½ inch	2.70	8 inch	7.00	14 inch	16.00	24 inch	40.00
4 inch	3.00	9 inch	8.00	15 inch	20.00	30 inch	50.00
4½ inch	3.50	10 inch	9.00	16 inch	24.00		

Discount.....per cent

Pipe Straps



Size: ¼, ⅜, ½, ¾, 1, 1¼, 1½, 2, 2½ and 3 inch.

Wrought Tinned, per pound, \$.....

In 5 pound boxes, extra

Neat, clean cut, round ends, uniform thickness.

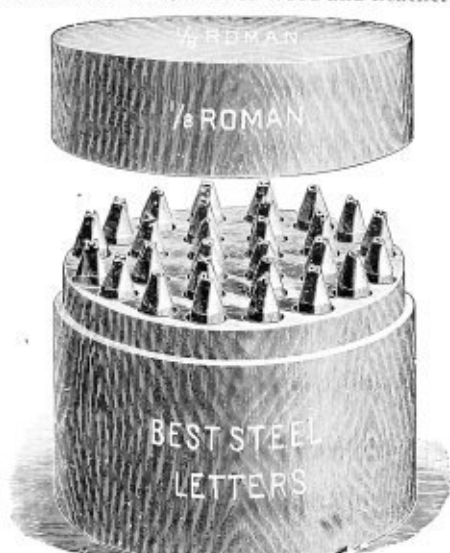
Scientifically constructed. More pieces to the pound.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Machine-Made Steel Letters and Figures

For Stamping Soft Metal, such as Brass, Lead, Zinc; also for Wood and Leather



In outline, these Figures and Letters are equal to any made by hand, simply because thousands of them—exact duplicates—are made from one original, or pattern, upon which as much work is put as upon ten ordinary figures or letters. All these Figures and Letters are made upon the best cast steel, carefully hardened and tempered, but, of course, have not the strength and durability of our Hand-Made Letters and Figures, but for leather, wood, soft metals, etc., will give satisfaction. We can only furnish these Letters and Figures in sizes given in prices below. Name or business stamps cannot be made by this method.

PRICE LIST

Size	per set of 9	per set of 27
1-32 inch
1-20 inch
1/8 inch
1-12 inch
3-32 inch
1-10 inch
1/4 inch

Size	per set of 9	per set of 27
5-32 inch
1/4 inch
1/2 inch
3/4 inch
1 inch
1 1/4 inch
1 1/2 inch
2 inch

Zinc Roses or Sprinkler Heads

WITH TIN BASE

Per Doz.

No. 000, 1 1/2 inch	.....	\$ .....
No. 00, 1 1/4 inch	.....	.....
No. 0, 2 1/8 inch	.....	.....
No. 1, 2 1/2 inch	.....	.....
No. 2, 3 3/8 inch	.....	.....
No. 3, 4 1/8 inch	.....	.....

Brass Can Screws (UNLINED)

Per Gross

1/2 inch	.....	\$10.10
3/4 inch	.....	12.10
1 inch	.....	16.65
1 1/4 inch	.....	21.15
1 1/2 inch	.....	23.70
1 3/4 inch	.....	34.20
2 inch	.....	38.25
Discount	.....	Per Cent.

Can Screws (UNLINED)

Per Gross	Zinc	Tin
1/2 inch	\$6.10	\$1.60
3/4 inch	7.60	1.80
1 inch	9.65	2.15
1 1/4 inch	12.15	2.65
1 1/2 inch	16.20	3.45
1 3/4 inch	20.20	4.70
2 inch	22.25	5.75

Flat Zinc Can Screws

Per Gross

2 inch	.....	\$ .....
2 1/2 inch	.....	.....
3 inch	.....	.....
4 inch	.....	.....
5 inch	.....	.....
6 inch	.....	.....
Discount	.....	Per Cent.

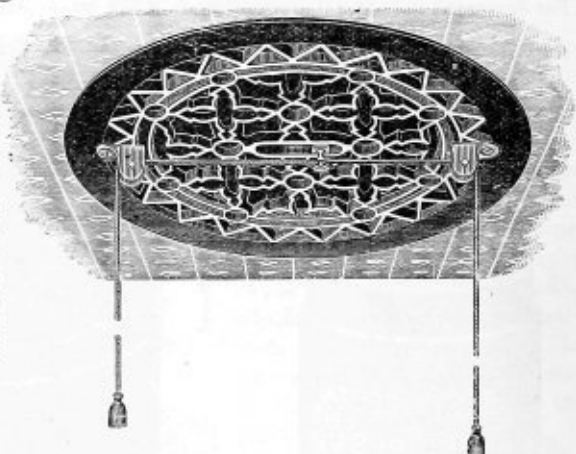
Write for Prices

Registers and Ventilators

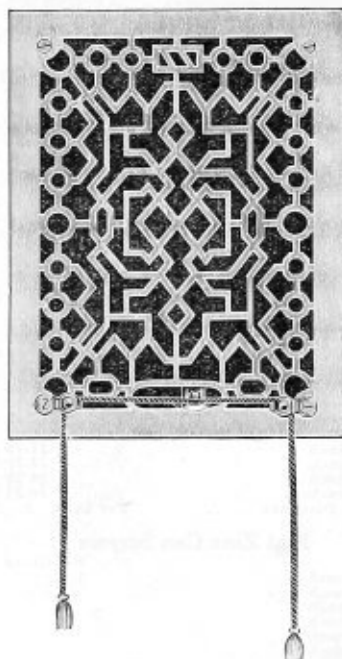
Side Wall or Ceiling attachments can be adjusted to any design or Register to make a Side Wall or Ceiling Ventilator, to be operated by cord or chain.

In ordering it should be stated whether Ventilator is for side wall or ceiling.

For List Prices of Ventilators add 50 cents to Register list on sizes up to 14 x 14 and \$1.00 list on 14 x 14 and all sizes above.



STANDARD



Slate Register Borders

A variety of sizes, both round and square, carried in stock.

Prices quoted on application.

CORDS, CHAINS, ETC. For Ventilators

	NET
Cords, per yard.....	\$0.05
Brass Chain, per yard.....	.30

INDICATORS

PRICES OF INDICATOR HANDLES

For Cords or Chains Indicating "Open and "Shut"

	NET
Japanned, per pair	\$0.10
Plated Brass, Bronze or Nickel, per pr.	.15
Brass, per pair	.50



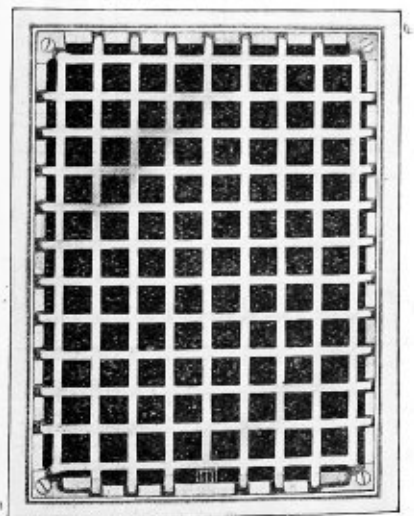
For Register Price List see Pages 114 to 120

CONVEX—CIRCULAR TOP
 Made in all listed sizes



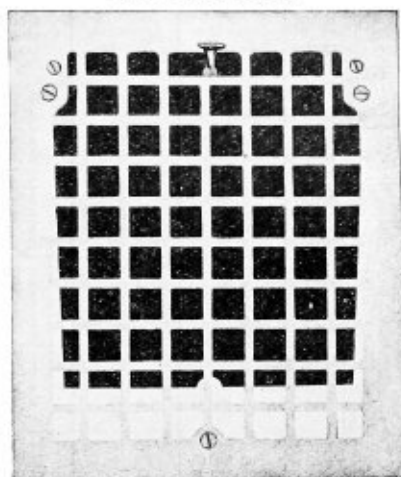
Standard

CONVEX—SQUARE
 Made in all listed sizes



Special Side Wall Register

For Shallow Flues and Thin Partitions



Plain Lattice

Q. C. One-Blade

This is the simplest Register made, and is the register for shallow flues, yet the construction allows of it being used in flues the depth of the height of the valve.

The movement is positive, and can be operated by hand or foot.

Can be supplied for use in horizontal or vertical positions; also for use in baseboards.

SIZE OF OPENING	BLACK JAPANNED	WHITE JAPANNED	ELECTROD OR BRONZED, GOLD, COPPER OR BRONZE FINISH
6 x 8	\$1.55	\$1.85	\$2.80
8 x 10	1.65	2.00	3.15
8 x 12	1.90	2.50	3.65
9 x 12	2.10	2.55	4.00
10 x 12	2.40	2.90	4.40

For Register Price List see Pages 114 to 120



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Convex Square Registers

FOR SHALLOW FLUES AND THIN PARTITIONS

SIZE OF OPENING	JAPANNED BLACK	JAPANNED WHITE	BRONZED GOLD COPPER OR BRONZED FINISH	ELECTRO-PLATED		WHITE PORCELAIN ENAMEL	SOLID BRASS OR BRONZE METAL
				NICKEL	BRASS BRONZE OR COPPER		
4 x 8	\$2.00	\$2.40	\$2.70	\$2.70	\$3.30	\$4.30	\$4.40
6x 8	2.20	2.65	3.45	3.45	4.20	5.70	5.80
6x10	2.30	2.95	3.70	3.70	4.45	6.65	6.95
6x12	2.65	3.20	4.30	4.30	5.55	8.15	8.50
7x10	2.35	2.85	3.85	3.85	5.00	7.80	8.10
8x 8	2.35	2.85	3.80	3.80	5.00	7.80	8.10
8x10	2.40	2.90	3.90	3.90	5.10	8.15	8.50
8x12	2.70	3.25	4.45	4.45	5.75	9.65	10.20
8x15	4.50	5.40	6.70	6.70	8.60	11.90	12.50
8x18	7.25	8.70	10.00	10.00	12.00	13.70	14.45
9x 9	2.90	3.50	4.80	4.80	6.40	8.40	8.80
9x12	3.00	3.60	4.90	4.90	6.60	10.60	11.25
9x14	3.90	4.70	6.10	6.10	8.10	12.20	12.90
10x10	3.45	4.15	5.45	5.45	7.15	10.00	10.65
10x12	3.75	4.50	5.75	5.75	7.60	11.90	12.50
10x14	5.00	6.00	7.10	7.10	9.40	14.35	15.20
10x16	7.25	8.70	9.60	9.60	12.45	17.00	18.10
12x12	7.10	8.55	9.45	9.45	12.50	17.10	18.20
12x14	7.40	8.90	9.90	9.90	12.80	18.35	19.50
12x15	7.50	9.00	10.00	10.00	13.00	19.30	20.55
12x16	8.75	10.50	11.40	11.40	15.00	21.00	22.50
12x17	10.00	12.00	13.20	13.20	15.70	21.80	23.40
12x18	11.20	13.25	14.50	14.50	16.75	23.20	24.90
12x19	12.50	14.50	15.90	15.90	18.25	24.70	26.75
12x20	14.50	16.50	18.00	18.00	21.90	27.80	29.80
12x24	17.50	20.00	22.00	22.00	27.75	32.40	34.65
14x14	14.00	16.00	17.50	17.50	20.00	22.00	23.90
14x16	15.00	17.00	18.60	18.60	22.10	24.00	26.20
14x18	16.00	18.25	20.00	20.00	24.25	25.85	27.85
14x20	17.00	19.25	21.25	21.25	25.25	26.50	28.50
14x22	18.00	20.50	22.75	22.75	28.00	29.00	31.10
16x20	20.00	22.50	25.00	25.00	31.50	32.00	34.25
16x24	26.00	29.00	32.00	32.00	38.50	38.50	41.00
18x21	27.00	30.00	33.00	33.00	41.00	41.00	44.00
18x24	30.00	33.00	36.00	36.00	44.00	44.00	48.50
20x20	28.50	32.50	35.50	35.50	43.00	43.00	47.00
24x24	40.00	46.00	50.00	50.00	60.00	60.00	70.00

For Illustrations see page 113

Convex Circular Top Registers

SIZE OF OPENING	JAPANNED BLACK	JAPANNED WHITE	BRONZED GOLD COPPER OR BRONZED FINISH	ELECTRO-PLATED		SOLID BRASS OR BRONZE METAL
				NICKEL	BRASS BRONZE OR COPPER	
7 x 10	\$2.50	\$3.00	\$4.20	\$4.20	\$5.50	\$9.50
8 x 12	2.95	3.50	4.65	4.65	6.00	10.20
9 x 12	3.30	4.00	5.20	5.20	7.00	11.25
10 x 14	5.50	6.50	7.60	7.60	10.00	15.20



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Registers, Faces, Borders

FOR EITHER FLOOR OR WALL—BLACK JAPANNED

SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER	SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER	SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER
4 1/2 x 6 1/2	\$1.40	\$0.55	\$1.15	9 x 15	3.95	\$2.65	\$2.65	16 x 30	\$27.90	\$11.00	\$11.00
4 x 8	1.50	.60	1.15	9 x 16	4.70	2.70	2.70	16 x 32	31.00	13.10	13.10
4 x 10	1.55	.75	1.15	9 x 17	5.95	3.25	3.25	16 x 36	36.00	16.00	16.00
4 x 12	1.80	.95	1.35	9 x 18	6.65	3.60	3.60	18 x 18	18.50	7.20	7.20
4 x 13	2.50	1.10	1.75	9 x 19	7.40	3.95	3.95	18 x 20	19.50	7.60	7.60
4 x 15	3.00	1.20	1.90	9 x 20	8.75	4.30	4.30	18 x 21	20.50	7.75	7.75
4 x 18	4.00	1.30	2.75	9 x 22	10.35	4.50	4.50	18 x 24	21.50	8.35	8.35
4 x 21	5.00	2.25	3.15	9 x 24	12.00	5.30	5.30	18 x 27	27.50	10.75	10.75
4 x 24	6.00	2.75	3.75	9 x 25	14.25	6.00	6.00	18 x 30	31.25	13.25	13.25
5 x 8	1.55	.90	1.15	9 x 26	15.25	6.35	6.25	18 x 36	38.00	17.25	17.25
5 x 9	1.55	1.00	1.20	9 x 28	16.35	6.80	6.50	20 x 20	19.75	8.00	8.00
5 x 10	1.60	1.05	1.20	9 x 30	17.50	7.10	7.10	10 x 22	21.60	8.40	8.40
5 x 11	1.75	1.10	1.30	10 x 10	2.35	1.65	1.70	20 x 24	22.00	8.60	8.60
5 x 12	1.80	1.20	1.40	10 x 12	2.40	1.70	1.75	20 x 26	23.50	9.50	9.50
5 x 13	2.60	1.35	1.80	10 x 14	3.15	2.20	2.20	20 x 28	28.90	11.50	11.50
5 x 14	2.80	1.50	1.90	10 x 16	4.85	2.95	2.95	20 x 30	33.50	13.50	13.50
5 x 15	3.60	1.65	2.00	10 x 18	6.70	3.70	3.70	20 x 32	37.50	17.10	17.10
5 x 16	3.90	1.80	2.60	10 x 20	8.90	4.35	4.35	20 x 36	43.00	18.50	18.50
5 x 17	4.20	2.00	2.70	10 x 22	10.40	4.90	4.90	21 x 21	24.50	9.75	9.75
5 x 18	5.25	2.10	3.20	10 x 24	12.15	5.35	5.35	21 x 25	28.00	11.10	11.10
6 x 6	1.50	.90	1.15	10 x 30	19.50	8.00	8.00	21 x 29	29.00	11.60	11.60
6 x 8	1.55	1.00	1.15	11 x 17	6.30	3.70	3.70	21 x 33x	42.00	17.90	17.90
6 x 9	1.60	1.05	1.20	11 x 18	6.75	3.95	3.95	21 x 37	49.00	21.50	21.50
6 x 10	1.60	1.05	1.20	11 x 20	8.95	4.45	4.45	21 x 39	54.00	24.90	24.90
6 x 12	1.85	1.25	1.45	12 x 12	4.00	2.70	2.70	22 x 22	28.50	11.40	11.40
6 x 14	2.85	1.65	1.90	12 x 14	4.35	2.80	2.80	22 x 24	29.50	11.80	11.80
6 x 16	4.00	2.00	2.70	12 x 15	4.50	2.90	2.90	22 x 26	31.00	13.10	13.10
6 x 18	5.20	2.25	3.25	12 x 16	5.60	3.50	3.50	22 x 28	33.90	13.90	13.90
6 x 20	6.00	2.50	3.50	12 x 17	6.35	3.80	3.80	22 x 30	36.00	16.00	16.00
6 x 22	7.00	3.00	3.95	12 x 18	6.80	3.90	3.90	22 x 32	42.00	17.50	17.50
6 x 24	8.00	3.70	4.50	12 x 19	7.50	4.00	4.00	22 x 36	47.50	20.50	20.50
6 x 28	9.50	4.25	5.40	12 x 20	9.00	4.50	4.50	22 x 38	52.00	22.50	22.50
6 x 30	11.50	4.75	6.00	12 x 24	12.25	5.50	5.50	22 x 42	64.00	27.00	27.00
6 x 32	13.00	5.25	6.50	12 x 30	20.00	8.20	8.20	24 x 24	30.00	12.00	12.00
7 x 7	1.55	1.00	1.20	12 x 32	24.50	9.75	9.75	24 x 27	33.95	14.00	14.00
7 x 10	1.65	1.10	1.25	12 x 36	26.75	10.25	10.25	24 x 30	38.00	17.25	17.25
7 x 12	1.90	1.25	1.50	12 x 40	35.00	15.50	15.50	24 x 32	42.50	18.00	18.00
7 x 14	2.95	1.90	1.90	14 x 14	7.90	4.05	4.05	24 x 36	50.00	22.00	22.00
7 x 15	3.75	2.55	2.55	14 x 15	8.25	4.20	4.20	21 x 45	67.50	28.50	28.50
8 x 8	1.60	1.05	1.20	14 x 16	8.50	4.30	4.30	27 x 27	37.25	17.00	17.00
8 x 10	1.65	1.10	1.25	14 x 18	9.90	4.50	4.50	27 x 38	56.00	25.00	25.00
8 x 12	1.90	1.30	1.50	14 x 20	9.50	4.80	4.80	28 x 28	44.00	19.00	19.00
8 x 13	2.75	1.85	1.85	14 x 22	10.50	5.00	5.00	28 x 30	48.50	21.00	21.00
8 x 14	3.00	2.00	2.00	14 x 24	14.90	6.90	6.90	28 x 32	53.00	24.50	24.50
8 x 15	3.80	2.60	2.60	14 x 48	46.00	20.00	20.00	28 x 36	64.00	27.00	27.00
8 x 16	4.50	2.70	2.70	15 x 15	10.00	4.90	4.90	30 x 30	49.00	21.50	21.50
8 x 18	6.60	3.50	3.50	15 x 21	12.50	6.20	6.20	30 x 36	67.50	28.50	28.50
8 x 20	8.70	3.90	3.90	15 x 25	17.50	7.10	7.10	30 x 42	77.50	33.00	33.00
8 x 21	9.00	4.00	4.00	15 x 30	27.50	10.75	10.75	30 x 48	95.00	39.00	39.00
8 x 24	11.25	4.79	4.70	15 x 34	31.75	13.75	13.75	36 x 36	80.00	35.00	35.00
8 x 27	13.60	5.40	5.40	16 x 16	11.00	5.10	5.10	36 x 40	105.00	44.00	44.00
8 x 30	14.70	6.30	6.30	16 x 18	12.00	5.30	5.30	36 x 42	112.00	46.00	46.00
9 x 9	2.00	1.40	1.60	16 x 20	12.35	6.10	6.10	36 x 48	132.00	54.00	54.00
9 x 12	2.10	1.45	1.65	16 x 22	14.75	6.70	6.70	38 x 38	100.00	43.50	43.50
9 x 13	2.95	2.00	2.00	16 x 24	15.00	7.00	7.00	38 x 40	112.00	46.00	46.00
9 x 14	3.10	2.15	2.15	16 x 28	24.60	10.00	10.00	38 x 42	120.00	50.00	50.00

Ventilators for Cords—50 cents list extra on sizes up to 14 x 14, and \$1.00 list extra on sizes above.
Extra Heavy Faces furnished at 50 per cent. advance upon the ordinary faces.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Registers and Faces

SUITABLE FOR WALL OR CEILING ONLY—WHITE JAPANNED

SIZE OF OPENING	REGISTER	FACE	SIZE OF OPENING	REGISTER	FACE	SIZE OF OPENING	REGISTER	FACE
4 1/2 x 6 1/2	\$1.70	\$0.85	9 x 15	\$4.75	\$3.45	16 x 30	\$30.70	\$13.80
4 x 8	1.80	.90	9 x 16	5.65	3.65	16 x 32	34.10	16.20
4 x 10	1.90	1.10	9 x 17	7.15	4.65	16 x 36	39.60	19.60
4 x 12	2.20	1.35	9 x 18	8.00	4.95	18 x 18	20.35	9.05
4 x 13	3.00	1.50	9 x 19	8.90	5.40	18 x 20	21.45	9.55
4 x 15	3.60	1.80	9 x 20	10.25	5.65	18 x 21	22.55	9.80
4 x 18	4.65	1.95	9 x 22	11.50	6.15	18 x 24	23.65	10.50
4 x 21	6.00	3.25	9 x 24	13.20	6.50	18 x 27	30.25	13.50
4 x 24	7.00	3.75	9 x 25	15.65	7.40	18 x 30	34.35	16.35
5 x 8	1.90	1.25	9 x 26	16.75	7.85	18 x 36	41.80	21.05
5 x 9	1.90	1.30	9 x 28	18.00	8.45	20 x 20	21.75	10.00
5 x 10	1.95	1.40	9 x 30	19.25	8.85	20 x 22	23.75	10.55
5 x 11	2.15	1.50	10 x 10	2.85	2.15	20 x 24	24.20	10.80
5 x 12	2.25	1.60	10 x 12	2.90	2.20	20 x 26	25.85	11.85
5 x 13	3.10	1.85	10 x 14	3.80	2.85	20 x 28	31.80	14.40
5 x 14	3.40	2.00	10 x 16	5.85	3.95	20 x 30	36.85	16.85
5 x 15	4.30	2.35	10 x 18	8.05	5.05	20 x 32	41.25	20.85
5 x 16	4.65	2.55	10 x 20	10.50	5.75	20 x 36	47.50	22.80
5 x 17	5.00	2.80	10 x 22	12.00	6.25	21 x 21	26.95	12.20
5 x 18	6.20	3.15	10 x 24	13.40	6.60	21 x 25	30.80	13.90
6 x 6	1.80	1.20	10 x 30	21.45	9.95	21 x 29	31.90	14.50
6 x 8	1.85	1.30	11 x 17	7.55	4.95	21 x 33	46.20	22.10
6 x 9	1.90	1.35	11 x 18	8.10	5.30	21 x 37	53.90	26.40
6 x 10	1.95	1.40	11 x 20	10.75	6.25	21 x 39	59.40	30.30
6 x 12	2.25	1.60	12 x 12	4.80	3.50	22 x 22	31.35	14.25
6 x 14	3.45	2.10	12 x 14	5.25	3.65	22 x 24	32.45	14.75
6 x 16	4.80	2.80	12 x 15	5.40	3.80	22 x 26	34.10	16.20
6 x 18	6.25	3.30	12 x 16	6.70	4.60	22 x 28	37.30	17.30
6 x 20	7.20	3.70	12 x 17	7.60	5.05	22 x 30	39.60	19.60
6 x 22	8.40	4.40	12 x 18	8.15	5.25	22 x 32	46.20	21.70
6 x 24	9.60	5.30	12 x 19	9.00	5.50	22 x 36	52.25	25.25
6 x 28	11.00	5.75	12 x 20	10.80	6.30	22 x 38	57.20	27.70
6 x 30	13.00	6.25	12 x 24	13.50	6.75	22 x 42	70.40	33.40
6 x 32	14.25	6.50	12 x 30	22.00	10.20	24 x 24	33.00	15.00
7 x 7	1.90	1.35	12 x 32	26.95	12.20	24 x 27	37.35	17.40
7 x 10	2.00	1.40	12 x 36	29.40	12.90	24 x 30	41.80	21.05
7 x 12	2.30	1.65	12 x 40	38.50	19.00	24 x 32	46.75	22.25
7 x 14	3.55	2.50	14 x 14	9.45	5.60	24 x 36	55.00	27.00
7 x 15	4.50	3.30	14 x 15	9.90	5.85	24 x 45	74.25	35.25
8 x 8	1.95	1.40	14 x 16	10.20	6.00	27 x 27	40.95	20.70
8 x 10	2.00	1.45	14 x 18	10.80	6.30	27 x 38	61.60	30.60
8 x 12	2.30	1.70	14 x 20	11.25	6.40	28 x 28	48.40	23.40
8 x 13	3.30	2.40	14 x 22	12.00	6.50	28 x 30	53.35	25.85
8 x 14	3.60	2.60	14 x 24	16.40	8.40	28 x 32	58.30	29.80
8 x 15	4.55	3.35	14 x 48	50.60	24.60	28 x 36	70.40	33.40
8 x 16	5.40	3.60	15 x 15	11.25	6.15	30 x 30	53.90	26.40
8 x 18	7.90	4.80	15 x 21	13.75	7.45	30 x 36	74.25	35.25
8 x 20	10.40	5.60	15 x 25	19.25	8.85	30 x 42	85.25	40.75
8 x 21	10.80	5.80	15 x 30	30.25	13.20	30 x 48	104.50	48.50
8 x 24	12.40	6.00	15 x 34	34.90	16.90	36 x 36	88.00	43.00
8 x 27	15.00	6.80	16 x 16	12.20	6.20	36 x 40	115.50	54.50
8 x 30	16.30	7.90	16 x 18	13.20	6.50	36 x 42	123.20	57.20
9 x 9	2.40	1.80	16 x 20	13.60	7.35	36 x 48	145.20	67.20
9 x 12	2.55	1.90	16 x 22	16.20	8.15	38 x 38	110.00	53.50
9 x 13	3.55	2.55	16 x 24	16.50	8.50	38 x 40	123.20	57.20
9 x 14	3.70	2.75	16 x 28	27.05	12.45	38 x 42	132.00	62.00

Ventilators for Cords—50 cents list extra on sizes up to 14 x 14, and \$1.00 list extra on sizes above.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Registers, Faces, Borders

NICKEL-PLATED, ALSO BRONZED, GOLD, SILVER, COPPER AND BRONZED FINISH

SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER	SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER	SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER
4" x 6 1/2"	\$2.00	\$1.15	\$1.75	9" x 15	\$6.50	\$4.90	\$5.20	16" x 30	\$35.00	\$18.25	\$18.25
4" x 8	2.20	1.30	1.85	9" x 16	7.15	5.15	5.30	16" x 32	38.25	20.35	20.35
4" x 10	2.40	1.60	2.00	9" x 17	8.70	6.00	6.00	16" x 36	45.00	25.00	25.00
4" x 12	2.80	2.15	2.55	9" x 18	9.35	6.30	6.30	18" x 18	23.75	12.45	12.45
4" x 13	3.50	2.60	3.25	9" x 19	10.50	7.05	7.05	18" x 20	24.75	12.85	12.85
4" x 15	4.00	2.70	3.40	9" x 20	11.85	7.40	7.40	18" x 21	26.00	13.25	13.25
4" x 18	5.00	3.20	4.65	9" x 22	13.95	8.10	8.10	18" x 24	27.75	14.60	14.60
4" x 21	6.50	4.25	5.15	9" x 24	16.00	9.30	9.30	18" x 27	35.00	18.25	18.25
4" x 24	7.50	4.75	5.75	9" x 25	18.25	10.00	10.00	18" x 30	38.00	21.00	21.00
5" x 8	2.75	2.10	2.35	9" x 26	19.25	10.25	10.25	18" x 36	48.50	28.10	26.00
5" x 9	2.90	2.30	2.50	9" x 28	21.75	11.90	11.90	20" x 20	34.75	13.00	13.00
5" x 10	2.95	2.40	2.55	9" x 30	22.50	12.10	12.10	20" x 22	27.60	14.40	14.40
5" x 11	3.25	2.60	2.80	10" x 10	4.35	3.65	3.70	20" x 24	28.20	14.80	14.80
5" x 12	3.45	2.85	3.00	10" x 12	4.40	3.70	3.75	20" x 26	32.00	17.50	17.50
5" x 13	4.25	3.00	3.45	10" x 14	5.25	4.30	4.30	20" x 28	37.40	20.00	20.00
5" x 14	4.80	3.50	3.90	10" x 16	7.20	5.30	5.30	20" x 30	43.00	23.50	23.50
5" x 15	5.60	3.65	4.00	10" x 18	9.45	6.45	6.45	20" x 32	48.50	28.10	26.00
5" x 16	5.90	3.80	4.60	10" x 20	12.00	7.50	7.50	20" x 36	54.00	29.50	28.50
5" x 17	6.20	4.00	4.70	10" x 22	14.50	9.00	9.00	21" x 21	31.00	16.25	16.25
5" x 18	7.25	4.10	5.20	10" x 24	16.25	9.45	9.45	21" x 25	35.50	18.60	18.60
6" x 6	2.70	2.10	2.35	10" x 30	25.50	14.00	14.00	21" x 29	40.50	22.20	22.20
6" x 8	2.80	2.25	2.40	11" x 17	8.95	6.40	6.40	21" x 33	52.00	29.35	28.35
6" x 9	2.95	2.40	2.55	11" x 18	9.50	6.70	6.70	21" x 37	60.00	35.00	31.65
6" x 10	3.00	2.45	2.60	11" x 20	12.00	7.50	7.50	21" x 39	67.00	38.50	34.50
6" x 12	3.50	2.90	3.10	12" x 12	6.35	5.05	5.05	22" x 22	36.50	19.40	19.40
6" x 14	4.95	3.75	4.00	12" x 14	6.85	5.35	5.35	22" x 24	37.90	20.20	20.20
6" x 16	6.00	4.00	4.70	12" x 15	7.00	5.40	5.40	22" x 26	41.00	23.00	23.00
6" x 18	7.00	4.50	5.50	12" x 16	8.25	6.15	6.15	22" x 28	44.00	24.00	24.00
6" x 20	8.20	4.75	5.80	12" x 17	9.00	6.45	6.45	22" x 30	46.50	26.50	25.50
6" x 22	10.00	6.00	6.95	12" x 18	9.55	6.65	6.65	22" x 32	54.00	29.50	28.50
6" x 24	12.00	7.00	7.50	12" x 19	10.35	6.85	6.85	22" x 36	60.50	35.00	31.75
6" x 28	14.50	8.00	9.00	12" x 20	12.20	7.60	7.60	22" x 38	65.50	37.50	34.25
6" x 30	16.50	8.90	10.00	12" x 24	16.30	9.55	9.55	22" x 42	75.00	43.00	35.00
6" x 32	18.00	9.50	10.50	12" x 30	26.00	14.20	14.20	24" x 24	40.00	22.00	22.00
7" x 7	2.90	2.35	2.55	12" x 32	31.50	16.75	16.75	24" x 27	45.00	25.00	25.00
7" x 10	3.10	2.55	2.70	12" x 36	33.75	17.75	17.75	24" x 30	50.00	29.25	28.25
7" x 12	3.60	2.95	3.20	12" x 40	45.00	25.00	25.00	24" x 32	55.50	31.00	30.00
7" x 14	5.00	3.95	3.95	14" x 14	11.00	7.15	7.15	24" x 36	65.50	37.50	34.25
7" x 15	5.90	4.70	4.70	14" x 15	11.25	7.25	7.25	24" x 45	89.50	50.50	40.00
8" x 8	3.00	2.45	2.60	14" x 16	11.50	7.30	7.30	27" x 27	49.25	29.00	28.00
8" x 10	3.15	2.60	2.75	14" x 18	12.00	7.50	7.50	27" x 38	76.00	45.00	36.00
8" x 12	3.65	3.05	3.25	14" x 20	13.00	8.50	8.50	28" x 28	57.50	32.50	31.00
8" x 13	4.75	3.85	3.85	14" x 22	14.50	9.00	9.00	28" x 30	61.50	35.50	32.00
8" x 14	5.10	3.95	3.95	14" x 24	19.50	11.50	11.50	28" x 32	68.00	39.50	35.00
8" x 15	6.00	4.80	4.80	14" x 48	60.00	35.25	31.65	28" x 36	86.00	49.00	37.00
8" x 16	6.75	5.00	5.00	15" x 15	14.00	8.90	8.90	30" x 30	65.00	37.00	34.00
8" x 18	9.40	6.00	6.00	15" x 21	16.85	10.50	10.50	30" x 36	90.00	51.00	41.00
8" x 20	11.70	6.90	6.90	15" x 25	23.00	12.60	12.60	30" x 42	102.00	57.50	50.50
8" x 21	12.50	7.50	7.50	15" x 30	33.00	18.00	18.00	30" x 48	124.00	68.00	60.00
8" x 24	15.25	8.70	8.70	15" x 34	41.25	23.25	23.25	36" x 36	105.00	60.00	54.50
8" x 27	17.75	9.55	9.55	16" x 16	15.00	9.10	9.10	36" x 40	135.00	74.00	62.10
8" x 30	19.50	10.50	10.50	16" x 18	16.20	9.50	9.50	36" x 42	143.00	77.00	65.00
9" x 9	3.90	3.30	3.50	16" x 20	16.55	10.30	10.30	36" x 48	168.00	90.00	76.00
9" x 12	4.00	3.35	3.55	16" x 22	19.50	11.50	11.50	38" x 38	130.00	71.00	59.50
9" x 13	4.95	4.00	4.00	16" x 24	20.00	12.00	12.00	38" x 40	142.00	76.00	64.00
9" x 14	5.20	4.25	4.25	16" x 28	30.80	16.20	16.20	38" x 42	155.00	85.00	71.00

Ventilators for Cords—50 cents list extra on sizes up to 14 x 14, and \$1.00 list extra on sizes above.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Registers, Faces, Borders

ELECTRO-PLATED, BRASS, BRONZE OR COPPER

SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER	SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER	SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER
4 1/2 x 6 1/2	\$2.20	\$1.35	\$2.10	9 x 15	\$7.80	\$6.20	\$7.00	16 x 30	\$37.50	\$25.00	\$21.60
4 x 8	2.40	1.50	2.15	9 x 16	8.55	6.55	7.10	16 x 32	42.00	27.50	22.00
4 x 10	2.60	1.80	2.40	9 x 17	9.30	7.60	8.00	16 x 36	50.00	33.00	27.00
4 x 12	3.10	2.45	3.00	9 x 18	11.00	7.95	8.40	18 x 18	26.00	16.50	15.00
4 x 13	3.80	2.90	3.75	9 x 19	12.20	8.75	9.15	18 x 20	29.00	18.00	17.00
4 x 15	4.30	3.00	4.00	9 x 20	13.65	9.20	9.70	18 x 21	30.00	19.00	18.00
4 x 18	5.40	3.60	5.00	9 x 22	16.00	10.15	10.50	18 x 24	34.25	22.50	18.75
4 x 21	7.00	4.75	6.00	9 x 24	18.10	11.40	11.90	18 x 27	39.00	25.50	21.70
4 x 24	8.10	5.35	7.00	9 x 25	20.50	12.25	12.50	18 x 30	43.00	28.50	22.70
5 x 8	3.00	2.35	2.90	9 x 26	21.65	12.65	12.90	18 x 36	54.00	36.00	28.00
5 x 9	3.15	2.50	3.10	9 x 28	24.25	14.40	14.80	20 x 20	32.40	21.20	18.10
5 x 10	3.25	2.70	3.25	9 x 30	25.25	14.80	15.10	20 x 22	35.70	23.50	19.00
5 x 11	3.50	2.85	3.50	10 x 10	5.35	4.65	5.20	20 x 24	39.00	25.50	21.70
5 x 12	3.90	3.30	3.75	10 x 12	5.50	4.80	5.35	20 x 26	42.00	27.50	22.00
5 x 13	4.60	3.50	4.00	10 x 14	6.55	5.60	6.00	20 x 28	45.50	30.00	24.50
5 x 14	5.20	3.90	4.50	10 x 16	8.60	6.70	7.20	20 x 30	49.00	32.50	26.00
5 x 15	6.10	4.15	4.90	10 x 18	11.00	8.00	8.55	20 x 32	52.00	34.00	27.50
5 x 16	6.40	4.30	5.60	10 x 20	13.80	9.30	9.80	20 x 36	59.00	39.00	31.50
5 x 17	6.80	4.60	5.80	10 x 22	16.50	11.00	11.00	21 x 21	37.00	24.75	21.00
5 x 18	7.85	4.75	6.30	10 x 24	18.50	12.00	12.15	21 x 25	44.00	29.00	23.00
6 x 6	3.00	2.40	2.95	10 x 30	28.00	16.75	17.00	21 x 29	52.00	34.00	27.50
6 x 8	3.10	2.50	3.00	11 x 17	10.50	8.00	8.60	21 x 33	56.50	37.25	31.00
6 x 9	3.40	2.85	3.45	11 x 18	11.15	8.25	8.95	21 x 37	65.00	43.50	33.50
6 x 10	3.50	2.95	3.60	11 x 20	14.00	9.40	9.80	21 x 39	74.00	50.00	36.50
6 x 12	4.20	3.60	4.10	12 x 12	7.90	6.60	7.10	22 x 22	41.00	27.00	21.75
6 x 14	5.75	4.50	5.30	12 x 14	8.25	6.75	7.35	22 x 24	44.00	29.00	23.00
6 x 16	6.90	4.90	6.10	12 x 15	8.50	6.90	7.60	22 x 26	48.00	32.00	25.50
6 x 18	8.00	5.50	7.00	12 x 16	9.75	7.65	8.25	22 x 28	52.00	34.00	27.50
6 x 20	9.30	5.85	7.40	12 x 17	10.60	8.05	8.65	22 x 30	55.00	36.50	28.75
6 x 22	11.25	7.25	8.65	12 x 18	11.25	8.35	9.00	22 x 32	59.00	39.00	31.50
6 x 24	13.30	8.30	9.30	12 x 19	12.25	8.75	9.25	22 x 36	66.00	44.50	34.00
6 x 28	16.00	9.50	11.00	12 x 20	14.10	9.50	9.90	22 x 38	70.00	47.00	36.00
6 x 30	18.25	10.65	12.10	12 x 24	18.60	12.10	12.25	22 x 42	82.50	53.50	39.50
6 x 32	21.00	12.50	12.60	12 x 30	29.00	18.00	17.00	24 x 24	49.00	32.50	26.00
7 x 7	3.50	2.95	3.55	12 x 32	34.50	20.00	20.00	24 x 27	56.00	37.00	29.00
7 x 10	3.80	3.25	3.80	12 x 36	36.25	23.25	21.50	24 x 30	62.00	41.50	32.00
7 x 12	4.35	3.70	4.35	12 x 40	50.00	33.00	27.00	24 x 32	66.00	44.50	34.00
7 x 14	6.10	5.00	5.50	14 x 14	14.30	9.60	10.00	24 x 36	74.00	50.30	36.50
7 x 15	6.90	5.70	6.30	14 x 15	15.30	10.00	10.50	24 x 45	92.00	63.00	45.00
8 x 8	3.70	3.15	3.65	14 x 16	16.50	11.00	11.00	27 x 27	66.00	44.50	34.00
8 x 10	3.85	3.30	3.90	14 x 18	18.50	12.00	12.15	27 x 38	94.00	64.00	46.00
8 x 12	4.40	3.75	4.40	14 x 20	20.50	13.00	12.75	28 x 28	72.00	49.00	36.40
8 x 13	5.75	4.85	5.30	14 x 22	22.50	14.50	13.50	28 x 30	76.00	52.50	37.00
8 x 14	6.20	5.10	5.60	14 x 24	26.00	16.50	15.00	28 x 32	84.00	55.00	40.50
8 x 15	7.00	5.80	6.40	14 x 48	69.50	46.50	35.75	28 x 36	92.00	63.00	45.00
8 x 16	8.00	6.25	7.00	15 x 15	17.00	11.90	12.00	30 x 30	85.00	56.00	41.00
8 x 18	10.70	7.30	8.00	15 x 21	25.00	16.25	14.50	30 x 36	102.00	70.00	48.00
8 x 20	13.00	8.25	9.00	15 x 25	31.00	20.00	18.50	30 x 42	119.00	87.00	60.00
8 x 21	14.00	9.00	9.70	15 x 30	37.50	25.00	21.60	30 x 48	136.00	94.00	72.00
8 x 24	17.00	10.50	11.10	15 x 34	46.00	30.50	25.00	36 x 36	127.00	83.00	66.00
8 x 27	19.75	11.50	12.20	16 x 16	19.75	12.80	12.50	36 x 40	142.00	95.00	76.00
8 x 30	21.00	12.60	13.50	16 x 18	22.25	14.25	13.25	36 x 42	150.00	96.50	80.50
9 x 9	4.90	4.30	4.75	16 x 20	24.60	16.00	14.00	36 x 48	173.00	103.00	87.00
9 x 12	5.10	4.45	5.00	16 x 22	28.00	18.00	16.00	38 x 38	145.00	95.50	77.00
9 x 13	6.15	5.20	5.70	16 x 24	29.60	19.25	17.10	38 x 40	153.00	97.00	81.50
9 x 14	6.50	5.50	5.95	16 x 28	35.00	22.75	18.80	38 x 42	160.00	100.00	83.50

Ventilators for Cords—50 cents list extra on sizes up to 14 x 14, and \$1.00 list extra on sizes above.

Registers, Faces, Borders, electroplated on iron, can be furnished in a wide range of color and surface finishes to match hardware, woodwork, or furnishings, at a moderate advance in cost. A sample should accompany order.



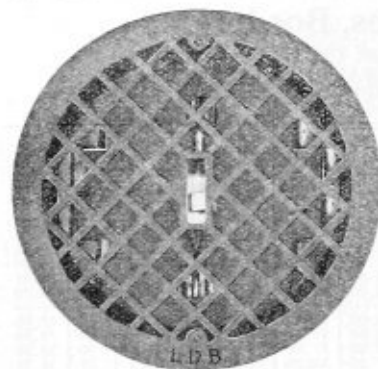
59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Registers, Faces, Borders

FOR EITHER FLOOR OR WALL
SOLID BRASS OR BRONZE METAL HIGHLY POLISHED
AND LACQUERED

SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER	SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER	SIZE OF OPENING	REGISTER	REGISTER FACE	FLOOR BORDER
4 1/2 x 6 1/2	\$2.80	\$2.20	\$5.40	9 x 15	\$12.05	\$10.00	\$13.50	16 x 30	\$48.30	\$41.15	\$31.50
4 x 8	2.90	2.35	5.65	9 x 16	12.80	10.60	13.65	16 x 32	51.00	43.40	33.35
4 x 10	3.75	3.00	6.60	9 x 17	13.65	11.25	13.70	16 x 36	57.00	48.00	35.00
4 x 12	4.50	3.60	7.50	9 x 18	14.45	12.45	14.50	18 x 18	33.65	28.50	24.75
4 x 13	4.90	3.85	8.05	9 x 19	15.25	13.90	16.20	18 x 20	36.00	30.50	26.20
4 x 15	5.60	4.35	8.95	9 x 20	16.10	14.00	16.30	18 x 21	39.30	33.70	27.65
4 x 18	6.75	5.30	9.95	9 x 22	17.65	14.65	16.60	18 x 24	44.95	37.00	29.50
4 x 21	7.85	6.05	10.80	9 x 24	19.25	16.10	17.90	18 x 27	50.20	42.90	32.50
4 x 24	9.00	6.95	11.50	9 x 25	21.10	17.50	18.20	18 x 30	56.15	47.75	34.75
5 x 8	3.55	2.80	6.15	9 x 26	22.10	18.60	18.90	18 x 36	67.35	57.75	38.30
5 x 9	4.00	3.20	6.65	9 x 28	25.15	21.00	21.00	20 x 20	43.90	36.75	29.00
5 x 10	4.45	3.50	7.15	9 x 30	26.20	22.50	22.00	20 x 22	48.30	41.15	31.50
5 x 11	4.90	3.85	8.05	10 x 10	9.50	7.50	11.80	20 x 24	51.50	44.00	33.50
5 x 12	5.35	4.25	8.20	10 x 12	11.00	9.15	12.80	20 x 26	55.75	47.00	34.65
5 x 13	5.75	4.55	9.00	10 x 14	12.65	10.55	13.60	20 x 28	60.00	49.75	36.00
5 x 14	6.20	4.95	9.20	10 x 16	14.45	12.45	14.50	20 x 30	64.35	55.10	37.00
5 x 15	6.65	5.25	9.50	10 x 18	16.10	14.00	16.30	20 x 32	68.65	58.00	39.00
5 x 16	7.15	5.65	10.05	10 x 20	18.00	15.60	17.70	20 x 36	77.20	66.15	50.00
5 x 17	7.55	6.00	10.15	10 x 22	20.50	17.30	18.00	21 x 21	48.30	41.15	31.50
5 x 18	8.00	6.25	10.95	10 x 24	21.70	18.25	18.70	21 x 25	57.00	48.00	35.00
6 x 6	3.60	2.90	6.25	10 x 30	29.00	24.80	23.50	21 x 29	66.35	56.75	37.30
6 x 8	4.10	3.30	6.70	11 x 17	17.15	14.45	16.50	21 x 33	75.45	65.00	48.50
6 x 9	4.60	3.70	7.55	11 x 18	19.00	16.00	17.80	21 x 37	84.65	72.65	55.00
6 x 10	5.10	4.05	8.10	11 x 20	20.80	17.40	18.10	21 x 39	89.20	76.60	58.50
6 x 12	6.15	4.90	9.15	12 x 12	13.75	11.45	14.15	22 x 22	52.70	45.00	34.50
6 x 14	7.15	5.65	10.05	12 x 14	16.10	14.00	16.30	22 x 24	57.00	48.00	35.00
6 x 16	8.20	6.50	11.00	12 x 15	16.80	14.25	16.40	22 x 26	62.70	50.00	36.50
6 x 18	9.30	7.35	11.75	12 x 16	18.00	15.60	17.70	22 x 28	67.10	57.50	38.00
6 x 20	10.25	8.15	12.50	12 x 17	19.10	16.05	17.85	22 x 30	71.90	61.70	43.10
6 x 22	12.00	9.50	13.45	12 x 18	20.50	17.30	18.00	22 x 32	76.65	66.00	49.25
6 x 24	14.00	12.00	14.40	12 x 19	21.35	18.10	18.25	22 x 36	86.25	75.00	57.00
6 x 28	16.75	14.20	16.35	12 x 20	22.40	19.00	19.10	22 x 38	91.00	78.00	60.00
6 x 30	19.00	16.00	17.80	12 x 24	26.95	22.80	22.15	22 x 42	105.00	86.40	65.00
6 x 32	22.00	18.50	18.80	12 x 30	33.65	28.50	24.75	24 x 24	66.35	56.75	37.30
7 x 7	4.25	3.40	6.75	12 x 32	25.90	30.40	25.95	24 x 27	74.00	64.00	47.50
7 x 10	6.05	4.85	9.10	12 x 36	40.40	34.25	28.25	24 x 30	82.00	70.00	54.00
7 x 12	7.35	6.00	10.20	12 x 40	45.50	37.40	29.85	24 x 32	86.25	75.00	57.00
7 x 14	8.50	6.85	11.05	14 x 14	19.00	16.00	17.80	24 x 36	98.40	85.10	64.00
7 x 15	9.10	7.30	11.65	14 x 15	20.35	17.25	17.95	24 x 45	123.00	106.00	80.00
8 x 8	5.60	4.35	8.95	14 x 16	21.70	18.25	18.70	27 x 27	86.25	75.00	57.00
8 x 10	7.00	5.55	10.00	14 x 18	24.50	20.50	20.50	27 x 38	121.90	104.50	78.00
8 x 12	8.60	6.90	11.10	14 x 20	27.10	23.10	22.50	28 x 28	93.15	80.00	62.00
8 x 13	9.10	7.30	11.65	14 x 22	29.85	25.45	23.60	28 x 30	94.30	81.00	63.00
8 x 14	9.80	8.10	12.10	14 x 24	32.50	27.50	23.65	28 x 32	106.40	92.00	69.00
8 x 15	10.60	8.65	12.65	14 x 48	71.00	59.00	42.00	28 x 36	119.75	102.00	76.00
8 x 16	11.20	9.25	12.90	15 x 15	21.70	18.25	18.70	20 x 30	111.35	97.00	74.00
8 x 18	12.80	10.60	13.65	15 x 21	32.75	28.00	24.25	30 x 36	128.15	110.00	83.00
8 x 20	14.00	12.00	14.40	15 x 25	36.90	31.50	27.00	30 x 42	156.00	135.15	110.00
8 x 21	15.00	13.80	16.15	15 x 30	46.35	39.90	31.00	30 x 48	178.20	155.00	125.00
8 x 24	18.00	15.60	17.70	15 x 34	50.20	42.90	32.50	36 x 36	156.00	135.15	110.00
8 x 27	20.50	17.30	18.00	16 x 16	25.15	21.00	21.00	36 x 40	178.20	155.00	125.00
8 x 30	22.25	18.65	19.00	16 x 18	29.00	24.80	23.50	36 x 42	184.00	160.00	130.00
9 x 9	7.20	5.95	10.10	16 x 20	32.75	28.00	24.25	36 x 48	207.40	178.00	167.00
9 x 12	9.60	8.00	12.00	16 x 22	35.40	30.20	25.55	38 x 38	178.20	155.00	125.00
9 x 13	10.45	8.60	12.60	16 x 24	38.65	33.00	27.60	38 x 40	184.00	160.00	130.00
9 x 14	11.20	9.25	12.90	16 x 28	45.10	37.20	29.75	38 x 42	192.50	165.00	135.00

If for use in Floor, it should be so stated in ordering, when strengthening bars will be added.
Registers finished in any desired color to match Hardware, Woodwork or Decoration.



Round Floor Registers

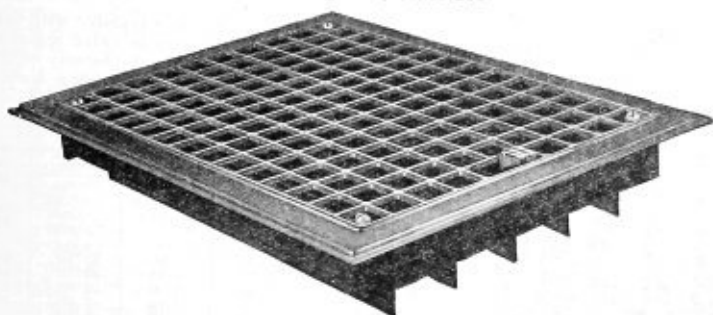
Plain Lattice Design

Insures greatest amount of air space.
Discount from all register price lists
quoted on application.

SIZE OF OPENING	JAPANNED BLACK	JAPANNED WHITE	BRONZED GOLD COPPER OR BRONZED FINISH	ELECTRO-PLATED		WHITE PORCELAIN ENAMEL	SOLID BRASS OR BRONZE METAL
				NICKEL	BRASS BRONZE OR COPPER		
ROUND REGISTERS	6	\$1.50	\$1.80	\$2.70	\$3.00	\$3.40	\$3.60
	7	1.55	1.90	2.90	3.50	4.40	4.60
	8	1.60	1.95	3.00	3.70	5.50	5.60
	9	2.00	2.40	3.90	4.90	6.90	7.20
	10	2.35	2.85	4.35	5.35	8.20	9.50
	12	4.00	4.80	6.35	7.90	11.80	13.75
	14	7.90	9.45	11.00	14.30	16.20	19.00
	16	11.00	12.20	15.00	19.75	21.20	25.15
	18	18.50	20.35	23.75	26.00	26.60	33.65
	20	19.75	21.75	24.75	32.40	32.50	43.90
ROUND FACES ONLY	24	30.00	33.00	40.00	49.00	49.00	66.35
	28	44.00	48.40	57.50	72.00	72.00	93.15
	30	49.00	53.90	65.00	85.00	85.00	111.35
	36	80.00	88.00	105.00	127.00	127.00	156.00
	6	\$0.90	\$1.20	\$2.10	\$2.40	\$2.05	\$3.05
	7	1.00	1.35	2.35	2.95	3.90	4.00
	8	1.05	1.40	2.45	3.15	4.85	5.00
	9	1.40	1.80	3.30	4.30	5.90	6.10
	10	1.65	2.15	3.65	4.65	7.30	7.50
	12	2.70	3.50	5.05	6.60	10.60	11.45
ROUND FLOOR BORDERS	14	4.05	5.60	7.15	9.60	14.60	16.00
	16	5.10	6.20	9.10	12.80	19.05	21.00
	18	7.20	9.05	12.45	16.50	23.95	28.50
	20	8.00	10.00	13.00	21.20	29.25	36.75
	24	12.00	15.00	22.00	32.50	32.50	56.75
	28	19.00	23.40	32.50	49.00	49.00	80.00
	30	21.50	26.40	37.00	56.00	56.00	97.00
	36	35.00	43.00	60.00	83.00	83.00	135.00
	6	\$1.15	\$1.35	\$2.35	\$2.95	\$3.05	\$6.25
	7	1.20	1.50	2.55	3.55	4.30	6.75
ROUND FLOOR BORDERS	8	1.20	1.50	2.60	3.65	4.95	8.95
	9	1.60	1.80	3.50	4.75	6.20	10.10
	10	1.70	2.15	3.70	5.20	7.40	11.80
	12	2.70	3.50	5.05	7.10	10.60	14.15
	14	4.05	5.60	7.15	10.00	14.60	17.80
	16	5.10	6.20	9.10	12.50	19.05	21.00
	18	7.20	9.05	12.45	15.00	23.95	24.75
	20	8.00	10.00	13.00	18.10	28.25	29.00
	24	12.00	15.00	22.00	26.00	32.50	37.30
	28	19.00	23.40	31.00	36.40	49.00	62.00
ROUND FLOOR BORDERS	30	21.50	26.40	34.00	41.00	56.00	74.00
	36	29.50	43.00	54.50	66.00	83.00	110.00

"H & C" Wrought Steel Registers

Floor Register, Class 200



They combine all the best features in register construction; strength, durability of finish, air capacity, simplicity in construction, and effectiveness of design. We carry a full line of the regular sizes and designs.

For sizes, finishes and prices see pages 115 to 119, inclusive.

No. 150 Series Baseboard Register

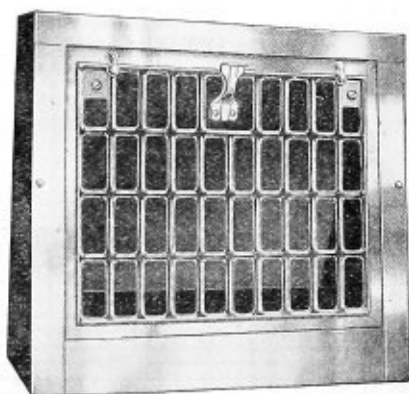
QUICK DETACHABLE FACE

Classes Nos. 151 $\frac{1}{4}$, 152 $\frac{1}{4}$, 153 $\frac{1}{4}$, 155 $\frac{1}{4}$

The No. 150 series is a two-piece register with frame and face separable. The frame is provided with integral flanges having holes for tin loops, face with valve attached is fastened by means of lugs at bottom and two locking clips at top, a quarter turn of which releases face from frame. Wood screws are furnished for attaching to studding. The single valve is controlled by adjusting friction hinges which have been demonstrated through many years' usage to be quiet in operation as well as dependable.

Height from floor to opening, 2 $\frac{1}{4}$ inches.

Last figure and fraction of class number indicates projection from wall at base.



LIST PRICE

CLASS	SIZE	AIR CAPACITY FACE SQ. IN.	BLACK JAPANNED	WHITE JAPANNED	ELECTROPLATED	
					OXIDIZED COPPER	BRASS, BRONZE, NICKEL
151 $\frac{1}{4}$	8 x 10	50	\$2.00	\$2.35	\$3.50	\$3.85
	8 x 12	60	2.40	2.90	3.95	4.35
	9 x 12	71	2.50	3.00	4.00	4.40
152 $\frac{1}{4}$	8 x 10	50	\$2.00	\$2.35	\$3.50	\$3.85
	9 x 12	71	3.00	3.50	4.50	4.90
153 $\frac{1}{4}$	10 x 12	75	\$4.00	\$4.60	\$5.75	\$6.35
	11 x 13	96	4.50	5.25	6.75	7.50
155 $\frac{1}{4}$	11 x 13	96	\$5.25	\$6.00	\$7.50	\$8.25
	12 x 14	106	6.50	7.50	8.50	9.50

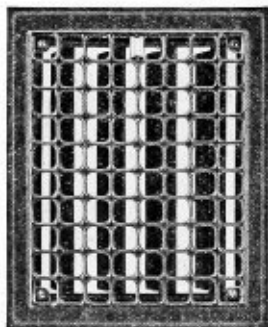
Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

"H & C" Wrought Steel Registers

Convex Side Wall Register, Class 220



For use in shallow flues where a register with multiple valves is desired rather than a single valve register. The convex face brings out prominently the beauty of the corrugated design, which is one of the strong features of "H & C" registers.

LIST PRICES

SIZE	BLACK JAPANNED	WHITE JAPANNED	ELECTROPLATED		SOLID BRASS OR BRONZE MET L
			OXIDIZED COPPER	BRASS BRONZE COPPER NICKEL	
8x10	\$2.40	\$2.90	\$3.90	\$5.10	\$8.50
8x12	2.70	3.25	4.45	5.75	10.20
9x12	3.00	3.60	4.90	6.60	11.25
10x12	3.75	4.50	5.75	7.60	12.60
10x14	5.00	6.00	7.10	9.40	15.20

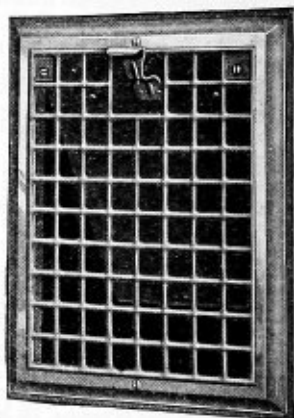
Single Valve Side Wall Register

With Convex Face

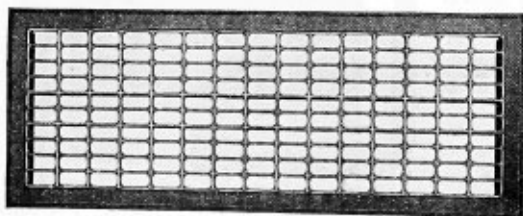
Can be used on uneven plaster and will cover up imperfections which a flat face will not, are strong features of this style.

LIST PRICES

SIZE	BLACK JAPAN	WHITE JAPAN	ELECTROPLATED ANY STANDARD CATALOG FINISH
8 x 10	\$1.65	\$2.00	\$3.15
8 x 12	1.90	2.30	3.65
9 x 12	2.10	2.55	4.00
10 x 12	2.40	2.90	4.40
10 x 14	3.15	3.80	5.25



Class 350—Sets Vertically
Class 340—Sets Horizontally
Order by Class Number
List is same on each



Sizes on No. 255—Cold Air Face—LIST PRICES

SIZES	AIR CAPACITY SQUARE INCHES	PIPE INCHES	PIPE CAPACITY	BLACK JAPANNED	OAK FINISH	ELECTROPLATED	
						OXIDIZED COPPER	NICKEL BRASS BRONZE
10 x 24	180	14	154	\$3.60	\$3.75	\$5.00	\$6.50
10 x 30	225	17	227	3.75	4.25	5.75	8.50
12 x 14	126	12	115	2.50	3.00	4.50	5.00
12 x 24	216	16	201	3.75	4.00	5.50	8.00
12 x 30	270	18	254	4.00	4.50	6.00	9.00
14 x 30	315	20	314	4.50	5.00	9.00	11.00
18 x 30	405	22	380	5.75	6.50	10.00	11.50
20 x 30	450	24	452	6.00	7.00	10.50	12.00

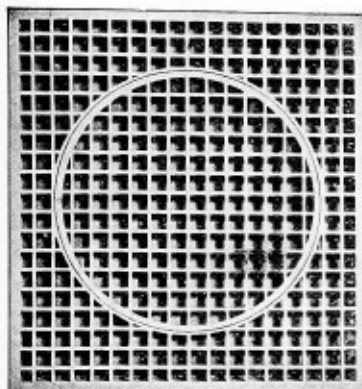
†For sand finishes, add 10 per cent to the above prices.

Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Duplex Gratings for Pipeless Furnaces



List Prices

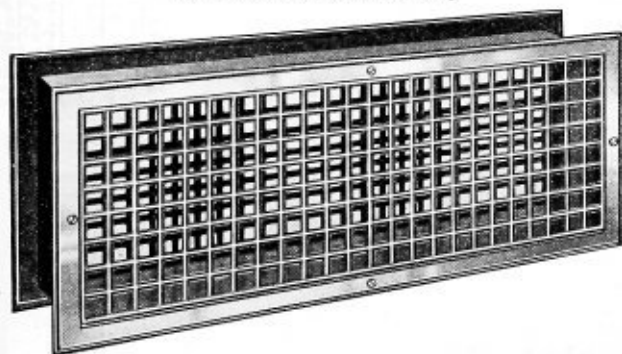
OPENING SIZE	APPROX. EXTREME SIZE	SIZE COLLAR	BLACK JAPAN	OXIDIZED COPPER
20x22	22x24	14	\$22.00	\$27.00
22x24	24x26	16	25.00	30.50
24x27	26x29	18	30.00	36.00
29x29	31x31	20	39.00	45.00
29x29	31x31	22	39.00	45.00
30x30	32x32	22	39.00	45.00
30x36	32x38	24	45.50	52.00
35x35	35x35	24	45.50	52.00
34x34	36x36	26	44.00	52.50
35x35	37x37	26	48.00	56.50
36x36	38x38	28	52.00	61.00
40x40	42x42	30	68.50	80.00
45x45	47x47	36	90.00	105.00

Style D is Cast Iron. Manufactured in two pieces, the square outside part and round center part, which allows easy setting. Furnished with sufficiently wide rims so that rabbet, if used, need not be accurate. Each grating crated separately.

Discount.....Per Cent

No. 2550. Adjustable Ventilator

For Side Wall Use Only



This ventilator augments the efficiency of a Pipeless Furnace installation. It may be placed in any ordinary partition. Being complete in itself, it requires no piping and is easily installed. Faces are White Japanned; the box is telescopic, adjusting from 4 to 8 inches.

SIZE OF SELF- CONTAINED BOX	EXTREME SIZE VENTILATOR FACES	LIST PRICE EACH	SIZE OF SELF- CONTAINED BOX	EXTREME SIZE OF VENTILATOR FACES	LIST PRICE EACH
8x24	9 $\frac{3}{4}$ x25 $\frac{3}{4}$	\$7.60	10x30	12x31 $\frac{7}{8}$	\$9.50
8x30	9 $\frac{3}{4}$ x31 $\frac{3}{4}$	8.50	12x24	14x26	9.00
10x24	12 x25 $\frac{7}{8}$	8.30	12x30	14x32	10.50

Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Floor and Ceiling Registers

The New 'Independent' Adjustable Ceiling Ventilators

All Steel with Telescoping Boxes

The connecting boxes adjust to fit all ordinary ceilings to eleven inches in depth, yet in comparison with the older styles of ventilators.

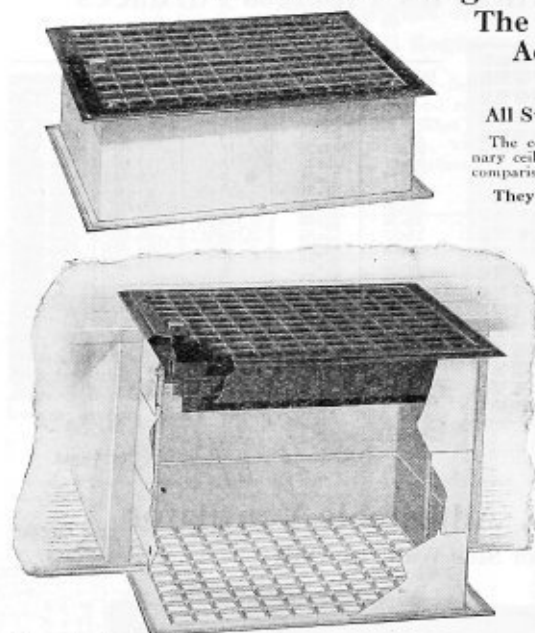
They Take but Little More than Half the Dealer's Stock Space

The installation is made quickly by one man from the floor of the room above. A second man with a step-ladder to reach the ceiling below is not required. Often, at the time of installation, the floor and ceiling openings are cut out of alignment. In such cases the connecting boxes readily accommodate themselves to the variation and make a perfect connection.

All sizes with boxes telescoped are approximately four inches high.

No.	SIZE OF SHEET METAL BOX	LIST PRICE EACH
640	8 x 10	\$4.40
641	8 x 12	4.80
642	9 x 12	5.40
643	10 x 12	6.40
644	10 x 14	7.60
645	12 x 14	10.00
646	12 x 16	10.40
647	14 x 16	16.50
648	14 x 18	18.00
649	14 x 20	19.25

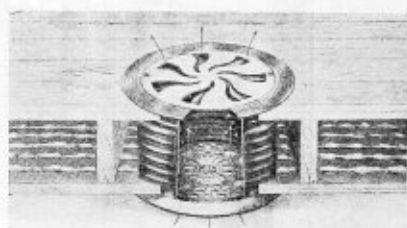
Each Ventilator in a corrugated board carton



The O. K. Floor and Ceiling Register

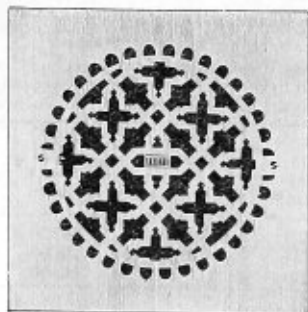
A Floor Register, Tin Box and Ceiling Register combined in one, with black japanned register and white japanned ceiling plate. After the hole is made in floor and ceiling, it can be easily put in place. No holes to be drilled; a few turns and it fastens itself securely and without damage to the plaster.

SIZE OF OPENING	9 IN.	10 IN.	12 IN.
LIST PRICE	\$4.00	\$5.00	\$7.00



Round Square Face Registers

SIZE OF OPENING	BLACK JAPANNED	WHITE JAPANNED	BRONZED, GOLD, COPPER OR BRONZE FINISH	PLATED BRASS BRONZE OR COPPER
7 in.	\$2.00	\$2.40	\$3.60	\$4.80
8 in.	2.50	3.00	4.50	6.00
9 in.	3.10	3.70	5.50	7.40
10 in.	3.70	4.50	6.75	9.00
12 in.	5.30	6.35	9.50	12.70



Discount.....Per Cent



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

The Champion No. 101 Self-Feed Blacksmith Post Drill

Made with Ball Bearings

No. 101 Champion Post Drill is built to furnish an automatic self-feed drill at the lowest price possible. It has back gears and is a nicely made little drill with slotted lathe-turned table. It will drill to the center of a 12-inch circle. It has one speed for the crank. The spindle is $\frac{3}{4}$ -inch in diameter. It drills holes up to $\frac{3}{4}$ -inch and has an up-and-down run of $\frac{3}{8}$ inches. The spindle is bored like Never-Slip Chuck for $\frac{1}{2}$ -inch straight shank drills, or, when especially ordered, $\frac{3}{8}$ or 41/64.

Each

Price \$

Hollands Keystone Vises

The tool steel jaw faces are welded to the body of the Vise, and roughly corrugated, which insures firm gripping power and long-wearing qualities.

These Vises are guaranteed free from all defects in material and workmanship, and are especially recommended to the trade who desire a high grade medium priced Vise.

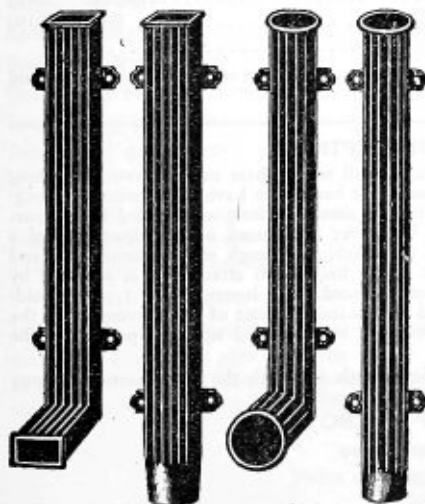


No.	Width of Jaw	Opens	Weight	List Price
D	3 in.	4 in.	15 lbs.	\$6.00
F	3½ in.	5 in.	22 lbs.	7.20
G	4 in.	6 in.	33 lbs.	8.80
H	4½ in.	7 in.	46 lbs.	10.80
V	5 in.	8 in.	56 lbs.	13.80

We can also furnish this Vise with swivel base at a slight advance in cost.

Discount..... Per Cent

Cast-Iron Leader Shoes and Sewer Connections



No.	Size Opening	Size Outlet	Length	Each
1.....	3 in.		54 in.	\$7.00
1.....	4 in.		54 in.	11.00
1.....	5 in.		60 in.	13.00
1.....	6 in.		60 in.	17.00
2.....	3 in.		48 in.	6.50
2.....	4 in.		48 in.	9.50
2.....	5 in.		60 in.	12.00
2.....	6 in.		60 in.	17.00
3.....	2x3 in.	3 in.	48 in.	8.00
3.....	3x4 in.	4 in.	48 in.	10.50
3.....	4x5 in.	5 in.	60 in.	18.00
3.....	4x6 in.	6 in.	60 in.	24.00
4.....	2x3 in.		48 in.	8.50
4.....	3x4 in.		48 in.	10.50
4.....	4x5 in.		60 in.	19.00
4.....	4x6 in.		60 in.	24.00

Sizes given are as Near Correct as our manufacturing conditions will permit.

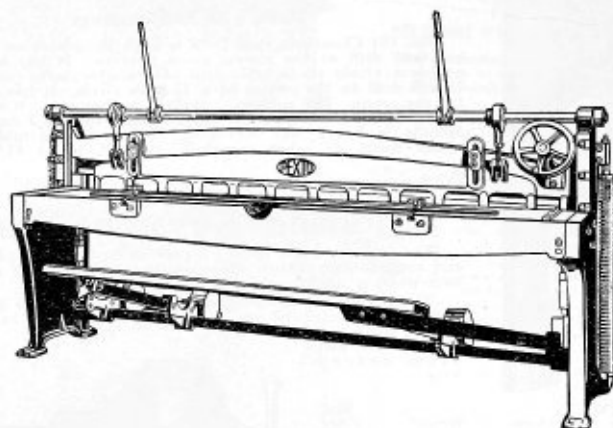
Discount..... Per Cent

These goods are sold only on condition that after purchase they cannot be returned.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Southington Long-Length Squaring Shears



Capacity—No. 18 Gauge Iron and Lighter

Number	YB-96
Length for Sheets	width inches 96
Width of Bed Plate	inches 16
Length of Rear Gauge Arms	inches 32
Rear Gauge can be set to cut	inches $\frac{1}{4}$ to 20
Length of Front Gauge Arms	inches 28 $\frac{1}{2}$
Shipping Weight	approx. lbs. 3050
Shipped on skids regularly	

NOTE—Furnished with hold-down attachment, one pair of long front arms and complete screw gauge equipment.

GENERAL DESCRIPTION

The trained eye of the sheet metal mechanic will see in these new patterns something different and as including many valuable features that heretofore have been lacking in long-length Squaring Shears. A rear gauge moving by means of long screws and bevel gears is not new, but this is the first shears of its kind ever introduced where adjustment of a rear screw gauge is made from the front of the machine through simply turning a hand wheel as seen at the right of machine in cut. The hold-down attachment is actuated by means of an eccentric and through conveniently placed hand levers. This type of hold-down attachment finds its movement by hand and is independent of the movement of the gate which holds the upper cutting knife and may be depended upon as positive. The treadle is of steel.

It will cut up to its full rated capacity full length and with the least exertion as long as the cutting blades are kept in good condition and well oiled.

A shears that is in a class by itself—IT HAS NO EQUAL.

Write for Prices

Power Squaring Shears



Capacity—No. 14 Gauge Iron and Lighter

Number.....	220	221	222	223	224	225
Shipping weight	approx. lbs. 1310	1425	1535	1815	2250	2600
Length cutting blades.....	inches 30	36	42	52	62	72
Size fly wheel.....	inches 24x4½	24x4½	24x4½	24x4½	24x4½	24x4½
Weight fly wheel.....	lbs. 225	225	225	225	225	225
Speed fly wheel.....	R.P.M. 200	200	200	200	200	200
Ratio of gearing.....	4:1	4:1	4:1	4:1	4:1	4:1
Horsepower required, maximum.....	2	2	2	3	3	4
Length long front arms.....	inches 25¼	25¼	25¼	25¼	25¼	25¼
Length rear gauge arms.....	inches 30	30	30	30	30	30

NOTE—Furnished complete with hold-down attachment, one pair long front arms and complete gauge equipment. Nos. 224 and 225 have center leg and two balance wheels. Cutting blades run about one inch over size listed.

We can furnish these same patterns not geared. Capacity No. 18 Gauge.

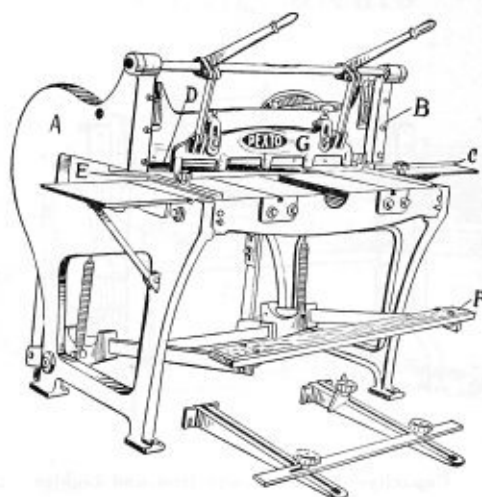
Where a large variety of work in which the lighter and heavier gauges of iron are used these Shears will give maximum good service. They are up to the minute in design and substantially constructed. These Shears are easy running and no important improvements have been overlooked for making them the best Shears in this type that the market affords.

Prices quoted on application.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Gap Shears



Capacity—No. 16 Gauge Iron and Lighter

New Number	XC 36	XC 42	XC 52
Length of Cut.....	36	42	52
Depth Gap in Housings.....inches	18	18	18
Length Front Arms.....inches	26½	26½	26½
Length Rear Gauge Arms.....inches	24	24	24
Width Bed .....inches	14	14	14
Shipped regularly on Skids.....			
Shipping Weight .....approx. lbs.	1500	1650	1743

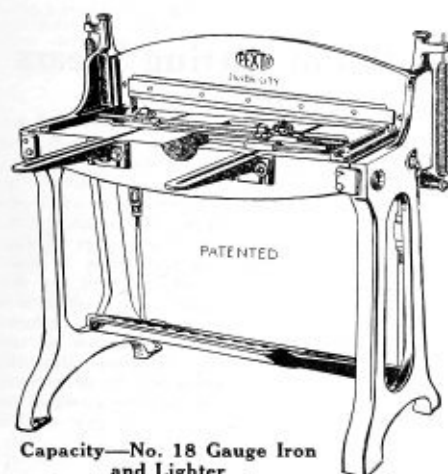
NOTE—Furnished with Hold-down attachment, side shelf, slitting gauge, one pair front arms and complete Gauge Equipment.

GENERAL DESCRIPTION

These new patterns embody every improvement for a well-balanced, easy-operating shears. Housings (A) and (B) have a gap of 18 inches for permitting the cutting of sheets from ½ inch to the full depth of the gap in housings. The slitting gauge (C) facilitates the slitting of sheets of longer length than the cutting blades (D) and (E). The first cut made, the slitting gauge (C) secures proper alignment of the successive cuts. The treadle (F) is steel and extensible. The lever hold-down (G) presses the sheet with security for insuring an accurate and clean cut. Used as a regular squaring shears, they will cross-cut sheets at any point desired and of full width, according to the length of shears used. Takes the place of a long length shears where floor space is limited and for economy.



59 NORTH SECOND ST. **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Silver City Squaring Shears

NOTE — No. 122B furnished with short front arms. Other numbers are furnished with long front arms. Nos. 137, 142 and 152 regularly equipped with hold-down attachment. No. 152 has extensible steel treadle. Wood Top Shelf can be furnished for Nos. 122 and 132, and Finger Guard can also be fitted, but at an extra cost. Side Tables can be furnished with all numbers at extra cost.

Capacity—No. 18 Gauge Iron and Lighter

Number	122	132	137	142	152
Length for sheets.....width inches	22	30	36	42	52
Length Short Front Arms.....inches	12½				
Length Long Front Arms.....inches		19	25¼	25¼	25¼
Length Rear Gauge Arms.....inches	24	30	30	30	30
Width of Bed.....inches	12	14	14	14	14
Shipped regularly on skids....approx. lbs.	375	510	600	750	1000

Lever Slitting Shears

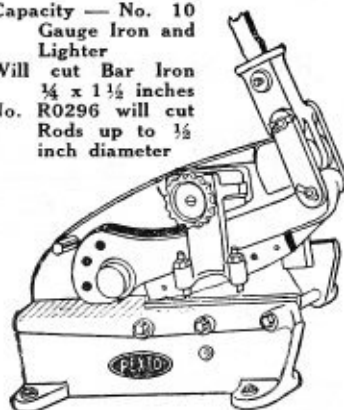
GENERAL DESCRIPTION

These Shears are commended for the Slitting of Sheets, length or crosswise, with ease up to their full rated capacity. They are patterned so as to allow sheets to pass freely, and proportioned so as to obtain the greatest strength and durability. They are furnished with or without Rod Cutting Attachment.

It must be remembered that the service a Lever Shears will give depends greatly on the care exercised in keeping up the adjustments provided for the Blades, and in keeping the Blades sharp.

Capacity — No. 10 Gauge Iron and Lighter

Will cut Bar Iron ¼ x 1½ inches
No. R0296 will cut Rods up to ½ inch diameter

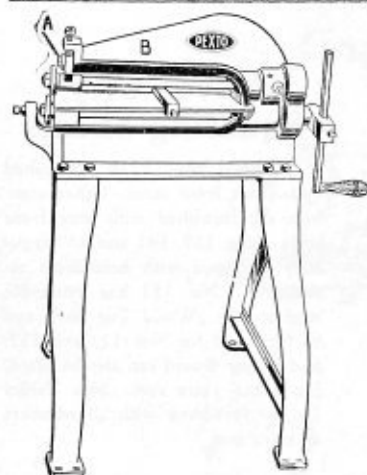


Number	Plain 0296 with Rod Cutter	
Length of Cut.....inches	7¾	7¾
Length Gauge Rod.....inches	14½	14½
Shipped boxed regularly.....weight approx. lbs.	175	180

NOTE—No. 0296 is a Plain Slitting Shears; No. R0296 is the same as No. 0296, but is fitted with a serviceable and very practicable Rod Cutting Attachment.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Capacity—No. 16 Gauge Iron and Lighter

Rapid Slitting Shears

GENERAL DESCRIPTION

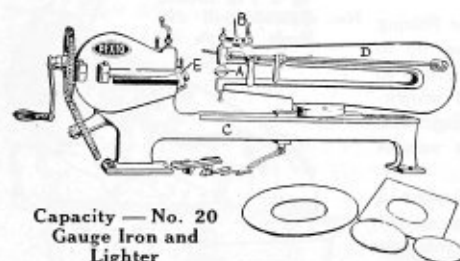
These Shears will prove a time saver in any shop. They permit the most rapid means for slitting iron used in cornice, furnace, blow-pipe, ventilation work, etc. They may be utilized for conveniently cutting large outside curves and circles when following a scribed line in a fraction of the time it takes to do the work with snips or bench shears. The Cutters are made from a special high-grade tool steel, properly hardened and tempered and have two Cutting Edges, making them reversible. The Crank is adjustable to different leverages, Bearings (A) are adjustable to take up wear of the Cutters and the Cutting Head (B) is of compact construction and is mounted on heavy, cast iron legs. A desirable substitute for the 8-foot Squaring Shears where floor space is limited.

Number	255
Diameter Cutters	inches 3 $\frac{1}{8}$
Depth Cutting Head to Gauge.....	inches 18
Depth Cutting Head to Frame.....	inches 19
Size Table	inches 20 x 8
Shipped crated regularly.....	weight approx. lbs. 330

GENERAL DESCRIPTION

These improved patterns make up for a very useful and efficient Bench Ring and Circular Shears, intended for cutting circles or internal rings and irregular curves. In circular cutting the blanks are clamped between Rubber Covered Discs (A) by means of a quick-acting Eccentric Lever Device (B), adjustable for exerting extreme uniform pressure to prevent the work from slipping and insuring more accurate cutting. This method permits the clamping and removing of blanks with greater rapidity than with the old Crank Screw method. The Bed (C) on which the Tail Piece (D) slides, is graduated in inches and fractions of inches for quick setting of the Tail Piece (D) for the size circle to be cut. The angular position of Cutters (E) allows for as clean cutting on the inside as on the outside of circle.

Ring & Circular Shears



Capacity — No. 20 Gauge Iron and Lighter

Number	298	299
Diameter Cutters	inches 1 $\frac{3}{8}$	inches 1 $\frac{3}{8}$
Diameter Clamping Discs.....	inches 2 $\frac{1}{4}$	inches 2 $\frac{1}{4}$
Depth Cutting Head to Gauge.....	inches 9 $\frac{1}{8}$	inches 9 $\frac{1}{8}$
Depth Cutting Head to Frame.....	inches 10	inches 10
Depth Circle Arm.....	inches 16 $\frac{1}{4}$	inches 30 $\frac{1}{2}$
Will circle from Square Blanks.....	inches 3 $\frac{1}{4}$ to 22	inches 3 $\frac{1}{4}$ to 42 $\frac{1}{2}$
Will cut Rings small as (inside diameter).....	inches 3 $\frac{1}{4}$	inches 3 $\frac{1}{4}$
Will cut Rings large as (outside diameter).....	inches 22	inches 42 $\frac{1}{2}$
Shipped crated regularly.....	weight approx. lbs. 200	weight approx. lbs. 300

Can be furnished for power with Tight and Loose Pulleys when specified.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Capacity—3-8 inch hole in 3-16 inch iron. Will cut sheet iron 1-8 inch thick and narrow bars 3-16 and 1-4 inches



Simplex Combined Shears and Punch

Number		679
Depth Punching Gap	inches	2 1/4
Will Center Sheets	width inches	5 1/2
Length Cut	inches	4 1/4
Shipped boxed regularly	weight approx. lbs.	140

Light Samson Punch

NOTE—Furnished regularly with three dies and punches; viz.: 1/8, 3/16, 1/4 inches.

Number		675
Depth Throat to Frame	inches	15
Depth Throat to Gauge	inches	14 1/2
Will Center Sheets with Stay Bolts in Place	width inches	7
Will Center Sheets with Stay Bolts Removed	width inches	30
Shipped boxed regularly	weight approx. lbs.	160

Capacity—No. 9 Gauge Iron with stay bolts in place and No. 12 Gauge Iron when stay bolts are removed



Lenox Throatless Shear

This shear is intended for all manner of sheet metal shearing, including irregular shaped pieces, inside curves and almost any manner of special work covering flat metal.

No. 18H—Hand Power

Capacity 18 gauge and lighter, cuts to 1 1/4 inch radius.

Head—Solid cast steel.

Base—Hardwood.

Gears—Steel and cast iron cut.

Cutters—Adjustable, 2 x 2 1/2 inch, special high-grade steel, oil tempered; upper cutter driven and slightly knurled to feed material; accurately ground; lower cutter runs free in sleeve.

Price furnished on application.

A circular cutting attachment is furnished at a small additional cost that will guide material in cutting discs from 7 inches in diameter to 24 inches.

We Can Also Furnish Shears for Heavier Duty, Hand and Power Driven

New Steel Slitting Shear

EASIEST OPERATED AND MOST DURABLE HAND BENCH SHEAR ON THE MARKET

Indispensable for slitting sheet steel and for cutting steel bars, band iron, brake band lining, belting, etc.

Pressed Steel Construction. Shear blades made of highest grade crucible steel. Equipped with adjustable hold-down. All parts interchangeable.

**Capacity 3-16 in. x 2 in. BARS—
10 GAUGE SHEETS
Weight 22 lbs.**





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Iron Bottom Sheet Iron Folder

No. 2



Capacity—No. 22 Gauge Iron and Lighter

Number		2
Length for Sheets	width inches	30
Will form Locks	inches	3-16 to $\frac{1}{4}$
Shipped boxed regularly	weight approx. lbs.	105

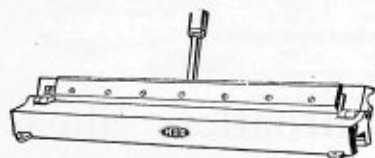
Improved Sheet Iron Folder

Nos. 10 and 15

GENERAL DESCRIPTION

Both types of Folders on this page are of all iron construction, carefully machined, fitted with planed steel Bending Blades, and where an indispensable Folder is required for ordinary use, they will give excellent satisfaction.

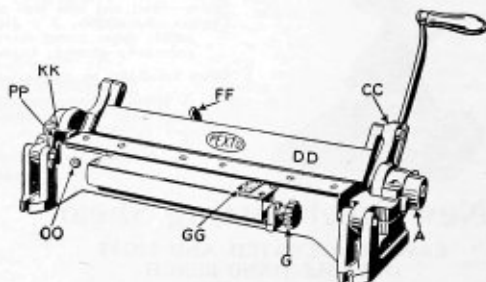
Gauge of Folders Nos. 10 and 15 move on a slide. Gauge of Folder No. 2 is fitted under the Folding Plate and Folding Plate screws must be loosened before gauge can be moved.



Number		10	15
Capacity Gauge Iron and Lighter		22	24
Length for Sheets	width inches	30	42
Will form Locks	inches	$\frac{1}{4}$ to $\frac{1}{4}$	$\frac{1}{4}$ to $\frac{1}{4}$
Shipped boxed regularly	weight approx. lbs.	85	115

Arrow Adjustable Bar Folders

These Folders are made from new patterns. Represent the last word in Bar Folding construction. They are intended for forming the edges of sheet metal at various angles. They will produce closed locks as well as open or round locks for inserting a wire in the flat sheet.



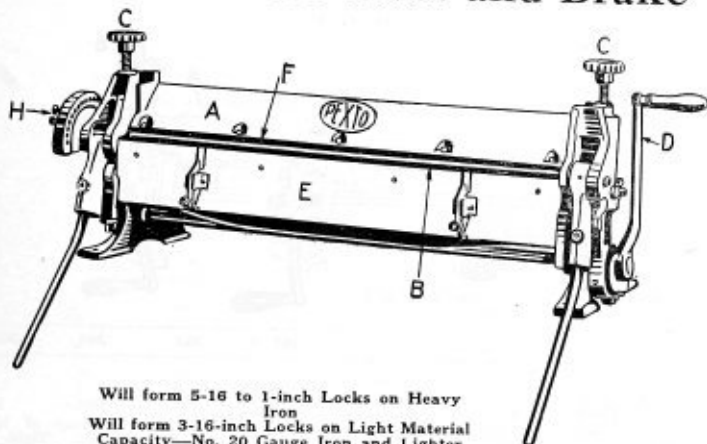
No. 62-No. 63—Capacity $\frac{1}{8}$ inch locks and wider, No. 22 gauge and lighter.
 No. 62-No. 63—Capacity $\frac{1}{8}$ inch locks and wider, No. 24 gauge and lighter.
 No. 62-No. 63—Capacity $\frac{1}{32}$ inch locks and wider, No. XX tin.
 No. 055-No. 058—Capacity $\frac{1}{8}$ inch locks, No. 20 $\frac{1}{8}$ inch locks, No. 22 gauge.

Nos.		62	63
Length, inches		20 $\frac{1}{4}$	30
Will form closed and open locks, inches		$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1
Will form open locks to receive a wire up to, inches		$\frac{1}{4}$	$\frac{1}{4}$
Price	\$		
Nos.		055	058
Length, inches		37	42
Will form closed and open locks, inches		$\frac{1}{4}$ to 1	$\frac{1}{4}$ to 1 $\frac{1}{2}$
Price	\$		



59 NORTH SECOND ST. **L. D. BERGER COMPANY** PHILADELPHIA, PA.

All-Around Folder and Brake



Will form 5-16 to 1-inch Locks on Heavy Iron
Will form 3-16-inch Locks on Light Material
Capacity—No. 20 Gauge Iron and Lighter

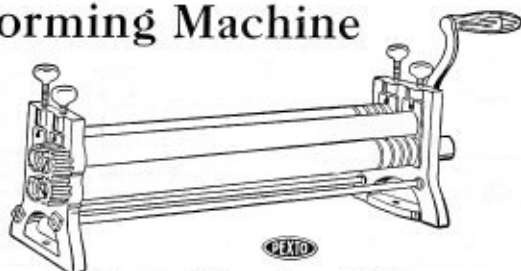
Number		696	697
Length for Sheets	width inches	36	42
Shipped crated regularly	weight approx. lbs.	430	500

NOTE—Furnished regularly with Folding Blade for sharp or closed locks and Adjustable Front and Rear Gauges. Extra Blades for forming open or wire locks can be furnished at an extra cost. Floor Legs can be furnished.

GENERAL DESCRIPTION

With these new Bench Combination Folder and Brake Patterns a variety of Folding operations are possible. Like the regular Floor Brake, the jaws allow for the forming of any size of angle, the sheet remaining stationary while the folding takes place. It will form edges for lock seams with a nicety. Fitted with Adjustable Gauges, the scribing of sheets before each bend is not necessary.

Forming Machine



Capacity—No. 22 Gauge Iron and Lighter

Number		373	372	0372
Length Rolls for Sheets	width inches	30	36	42
Diameter Rolls	inches	2	2	2
Shipped boxed regularly	weight approx. lbs.	140	160	175

NOTE—Grooves cut in Rolls are intended to allow work with a wire to be formed. Wire should only be formed between the grooves cut for that purpose.

GENERAL DESCRIPTION

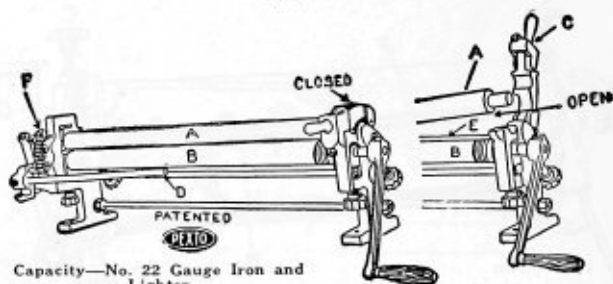
These Formers have Solid Housings and are fitted with machine cut Steel Compensating Gears. Gears to run smoothly should mesh constantly to a certain depth. In these Formers the gears on the Gripping Rolls do not mesh with each other, but with two extra gears fitted to the frame, when the Gripping Rolls are moved the mesh of the gearing is unchanged. This insures uniformity of action and durability for the Gears, they running more smoothly than cast iron cogs, without danger of slipping or breaking with whatever thickness of metal is used.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Lightning Slip Roll Formers

Patented



Capacity—No. 22 Gauge Iron and Lighter

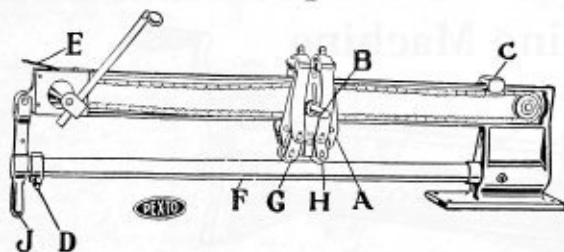
Number	383	382	381	0381
Length Rolls for Sheets	width inches	30	30	36
Diameter Rolls	inches	1 1/4	2	2
Shipped boxed regularly	weight approx. lbs.	175	185	205

NOTE—In these Formers Gripping Rolls (A) and (B) have an extreme clearance of 1/2 inch. Grooves cut in rolls are intended to allow work with a wire to be formed. Tight Pulley, or Tight and Loose Pulleys and iron Floor Legs can be fitted when so ordered. When preferred all three rolls can be arranged driven at extra cost.

GENERAL DESCRIPTION

New original Pexto Features are embodied in these Forming Machine Patterns that place them in a class by themselves. They are greatly improved over old Slip Roll Pattern Forming Machines and those which the present market offers. A careful study of the illustration shows the time and steps saved through being able to perform all operations at one end of the machine, the convenient end where the crank is fitted.

Rapid Groover



Capacity—No. 24 Gauge Iron and Lighter

GENERAL DESCRIPTION

The best machine of its kind for grooving the longitudinal seams in stove pipe and other sheet metal cylinders. It differs from the ordinary Groover in that it is more rapid, the operator standing in front of the machine does not have to change his position when inserting and removing work and operating the machine.

Number	518
Will Groove Work Length	inches 30
Diameter of Smallest Pipe that can be Grooved	inches 2
Shipped boxed regularly	weight approx. lbs. 200

NOTE—Rolls are furnished, one each with 1/4, 5/16, 3/8 inch grooves and one Flattening Roll.

Number	Capacity—No. 20 Gauge Iron and Lighter	520
Will Groove Work Length	inches	36
Diameter Smallest Pipe that can be Grooved	inches	3
Ratio of Gearing		3 1/2 to 1
Shipped boxed regularly	weight approx. lbs.	410

NOTE—Furnished with 5/16-inch Grooving Rolls for No. 20 Gauge, 3/16-inch for No. 22 Gauge, 1/8-inch for No. 24 Gauge and Lighter and One Flattening Roll.

Square and Rectangular Box and Pipe Former



Capacity—No. 26 Gauge Iron and Lighter

Number	433
Length for work	width inches 30
Smallest Square Pipe that can be formed.....	inches 3
Shipped boxed regularly	weight approx. lbs. 90

NOTE—Furnished complete with Gauge equipment. We can furnish these same patterns in 36 inches. Information on request.

GENERAL DESCRIPTION

A machine of simple construction for forming the bodies of Square and Oblong Cans, Heater Pipe, Boxes, etc., with either lapped or locked side seams. A depression of the Foot Treadle clamps the material. The Folding Bar is brought up and the bend made. The work forms around the Clamping Bar. Sheets can be formed at right angles or less.

All parts are smoothly and accurately machined and finished, well proportioned to their size and for the work they are intended to do.



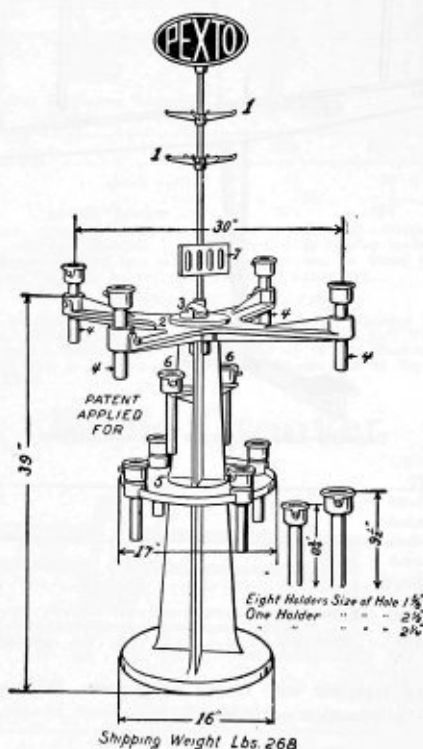
59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Revolving Machine Standard

Holds Eight Small Machines

A Practical Shop Standard

No. 969



Holders are adjustable to any position. Upper Turret revolves. Clamp provided to hold Turret rigid. A place for everything—Everything in its place.

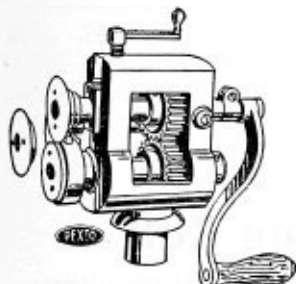
Just the thing for the school shop. It saves small machines in the commercial shop from becoming damaged and shopworn.



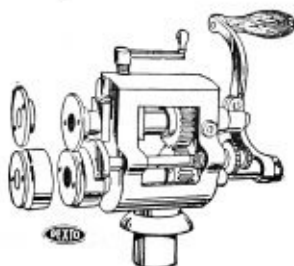
59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Columbia Bench Machines

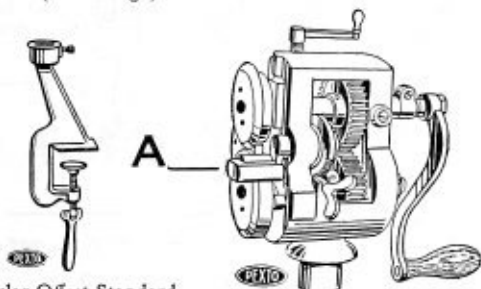
Pexto Columbian Bench Machines are so popular, making a lengthy description unnecessary. They are made from the best materials procurable, all parts are fully machined, gauges and rolls are scientifically hardened. They have long-wearing qualities, as evidenced by the many unsolicited testimonials received from satisfied users—**MAKE YOUR SPECIFICATIONS READ PEXTO COLUMBIAN**—There is nothing to risk or lose.



Burring Machine
or
(Thin Edge)



Turning Machine
or
(Thick Edge)



Wiring Machine



Regular Offset Standard
No. 975

"A"
Forming Roll
Gauge Not
Furnished
Unless Specified



Wiring Offset Standard
No. 976

Number	Small Burr. 576	Large Burr. 577	Small Turn. 541	Large Turn. 542	Wiring Mch. 525
Diameter Rolls	1 1/2	2 1/8	2 3/8	3	3
Widest flange or burr that can be turned.....	1/8	1/4			
Smallest wire that can be used.....Gauge No.			11	9	
Largest wire that can be used.....Gauge No.			7	4	0
Shipping Weight	21	25	25	31	31
Packed one in a carton.....					

NOTE—Furnished complete with offset standard No. 975. Wiring Machine furnished with Standard No. 976. Extra upper roll furnished with Burring Machines and extra pair of thick turning rolls with Turning Machines. Forming Roll Gauge "A" furnished with Wiring Machines at an extra cost and only when specified. Foot treadle attachment for depressing upper roll in place of crank screw when specified can be furnished at an extra cost.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

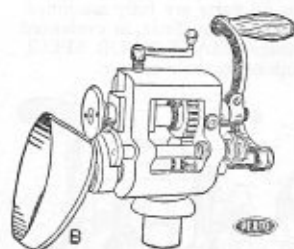
Columbian Elbow Edging Machine

Capacity—No. 24 Gauge Iron and Lighter

Number	550	551
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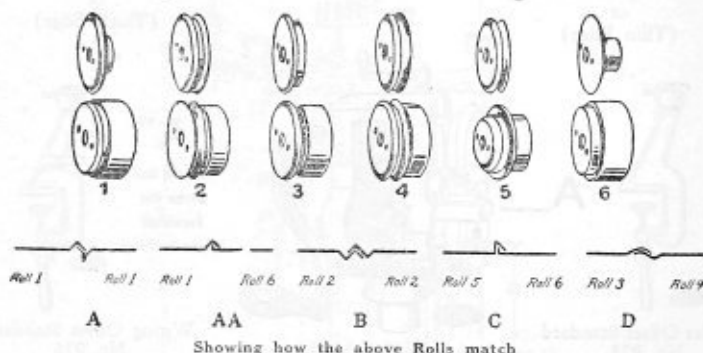
Diameter Rolls	1 1/2	2 1/8
Packed one in a box...weight approx. lbs.	21	25

NOTE—Furnished with Regular Offset Standard No. 975, Page 137, and one pair Elbow Rolls, No. 1 pattern. Will take on Rolls as shown below and as on Page 139.



Stock Elbow Edging Roll

Can be ordered to fit Bench Machines Nos. 550-551-540-541-545-0547-0548 and 0584.



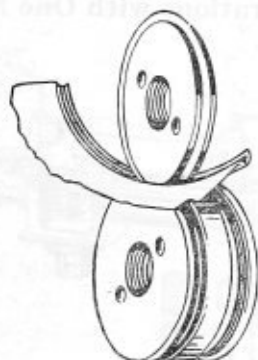
GENERAL DESCRIPTION

The one pair of Elbow Edging Rolls, Type No. 1, will make edges on the Inner and Outer Sections of Elbows with Tight or Adjustable Seam, as shown in Figure "A." These Rolls are sometimes used as shown in Figure "AA," the inner section being turned up with the regular burring machine or Rolls in Type No. 6 and the edge for the outer section being made with Rolls Type No. 1.

Rolls Type No. 2 are desirable for Edging the Inside and Outside Sections of Riveted Elbows with Tight or Loose Seams, and the Edges that these Rolls will produce are illustrated in Figure "B."

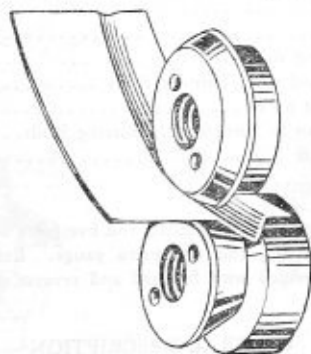
Rolls Type No. 5 may be used for the Outer Edge of Riveted or Grooved Elbows. With these Rolls the Inner Edge can be turned on the regular Burring Machine, or with Rolls as Type No. 6, and the edges produced by No. 5 and No. 6 Rolls are shown in Figure "C." Rolls Types No. 3 and No. 4 are preferable for Elbows Riveted or Grooved with Loose Joint, the edges as produced by these Rolls being shown in Figure "D."

Universal Elbow Edging Rolls



These are the most rapid Elbow Edging Rolls made. One turn makes a finished inside or outside edge on tin elbows. They fit the PEXTO No. 541 Small Turning Machine as well as the No. 551 Elbow Edging Machine. The wide groove is for iron elbows and the narrow groove for tin. These rolls will work satisfactorily without the use of false or curved gauge. They are designed for the sheet metal worker who has occasion to make up elbows from time to time.

Universal Collar Edging Rolls

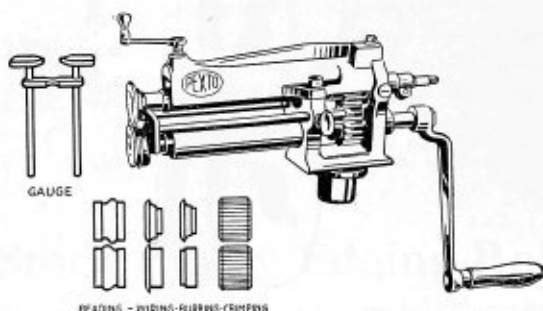


These rolls are designed to form a deep bead or flange of full $\frac{1}{4}$ inch deep, and if directions as accompany each pair of rolls are followed, they will not cut the metal.

These rolls will fit Small Turning Machine No. 541 and Elbow Edging Machine No. 551. The collars are cut to the right size and run through the Collar Edging Rolls twice in the flat. The first operation makes about one-half the bead and the next operation the full bead. The collar is then formed up on the Forming Machine or rolls by using the deepest groove in the rolls of the Forming Machine.

Allinwon Rotary Machine

Five Operations with One Machine



Capacity—Using crimping or beading rolls No. 26 Gauge Iron and Lighter.
 Capacity—Using Turning, Wiring or Burring Rolls No. 24 Gauge Iron and Lighter.

Number	622
Depth Throat to Frame	inches 6¼
Depth Throat to Gauge	inches 5½
Width Crimping Rolls	inches 1½
Width Beading Rolls	inches 1½
Diameter Turning and Wiring Rolls	inches 1½
Smallest Wire that can be used with Turning Rolls	gauge 11
Wiring Rolls will receive wire up to	gauge 5
Widest flange or burr that can be turned with Burring Rolls	inches ⅝
Distance between shaft centers	inches 1½
Packed one in a box	weight approx. lbs. 60

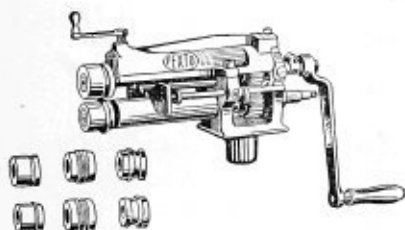
NOTE—Furnished complete with standard and five pairs of rolls, viz.: Crimping, beading, turning, wiring and burring, and one extra gauge. Extra special rolls quoted on receipt of specifications. Provided with forward and reverse drive.

GENERAL DESCRIPTION

The introduction of this Combination Machine does not substitute the use of separate machines for different operations. For the active shop there is no economy found in one machine that will do the greatest number of operations. The changing of Rolls many times a day is a time killer. Where several mechanics are employed, machines should be set up ready for use.

However, for the one-man shop where a set of machines are idle a great part of the time, a Combination Machine of this type will answer all purposes.

Beading Machines



No. 620

STOW'S PATENT BEADING MACHINE

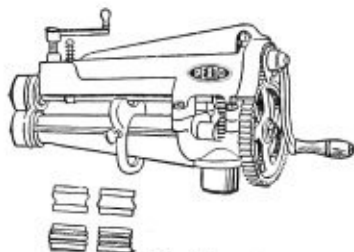
Capacity No. 24 Iron and Lighter

The illustration shows the No. 620 Beading Machine with single beading rolls attached.

The three pairs of rolls, detached and shown in the cut from left to right, are Ogee, $\frac{3}{4}$ inch; Triple, $\frac{3}{8}$ inch and Triple Coffee Pot Bead, $\frac{1}{2}$ inch.

Four pairs of rolls and standard furnished with each machine.

Depth of throat to frame.....	6 $\frac{3}{4}$ ins.
Depth of throat to gauge.....	5 $\frac{1}{2}$ ins.
Diameter of rolls.....	1 $\frac{1}{8}$ ins.
Width of rolls.....	1 $\frac{1}{2}$ ins.
Shipping weight.....	50 lbs.
Price.....	\$.....



No. 617

BEADING MACHINE

Capacity No. 20 Iron and Lighter

This machine is especially adapted to work requiring a deep throat and where heavy iron is used.

Depth of throat to frame.....	13 ins.
Depth of throat to gauge.....	12 ins.
Diameter of rolls.....	2 $\frac{1}{2}$ ins.
Width of rolls.....	1 $\frac{3}{4}$ ins.
Ratio of gearing.....	3 $\frac{1}{3}$ to 1
Shipping weight approx.....	140 lbs.
Price with three pairs of regular rolls and improved bench standard.....	\$.....

Setting Down Machines

with Inclinable Rolls

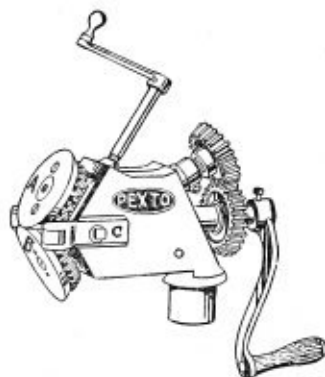
Columbia Setting Down Machine

No. 556



Number.....	556
Capacity Gauge Iron and Lighter.....	No. 24
For Seams up to.....	inches $\frac{7}{8}$
Packed one in a box.....	weight approx. lbs. 23

NOTE—This type of Setting Down Machine is preferable for closing the seams in light tinware, etc. Regular Offset Standard No. 975 is furnished. See page 137.



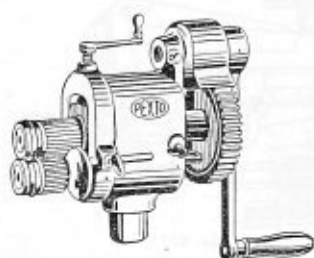
Number.....	561	562
Capacity Gauge Iron and Lighter.....	No. 24	18
For Seams up to.....	inches $\frac{3}{4}$	$\frac{1}{2}$
Shipping weight.....	approx. lbs. 60	100

NOTE—Regular Offset Standard No. 975 is furnished with No. 561. Standard No. 977 with No. 562. See page 137.

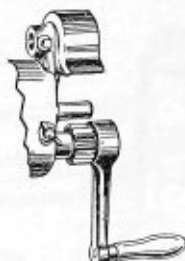


59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Interchangeable Crimper and Beader



Geared



Direct Drive



As a Plain
Crimper

Capacity—No. 20 Gauge Iron and Lighter

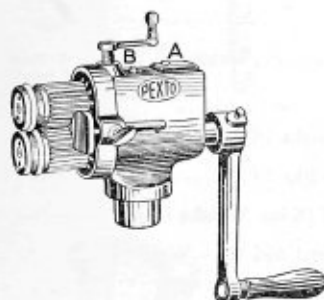
Number	Straight Crimp Rolls 0585	Spiral Crimp Rolls 585
Diameter Beading Rolls	1 1/2	1 1/2
Diameter Crimping Rolls	1 1/2	1 1/2
Width Crimp Rolls	1 3/4	1 3/4
Width Bead Rolls	1	1
Size Ogee Bead	3/8	3/8
Ratio Gearing	3 to 1	3 to 1
Distance between Shaft Centers	1 3/4	1 3/4
Shipped boxed regularly	weight approx. lbs. 65	65

NOTE—One pair Blank Rolls are furnished. Furnished with No. 975 Standard, page 137. Foot Treadle Attachment for depressing Upper Roll can be furnished at extra cost.

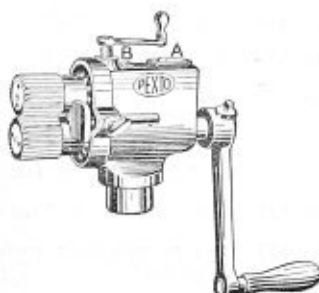
GENERAL DESCRIPTION

A very practical feature is offered in the arrangement of the Driving Gears. Two speeds are provided for; back-gearred for heavy stock and direct drive when lighter gauges of materials are used. The Driving Gear can be removed and the machine converted instantly into a Direct Acting Crimper by attaching the Crank to Lower Shaft. Connecting Gears are of Machine Cut Steel; the frame and Cap machined to insure perfect fit of all working parts for accurate and uniform work. Rolls are made of a high-grade steel, scientifically hardened, and the Gauge is of extra wide proportions made from tool steel properly hardened. Adjustments are provided for regulating the relative depth of Crimp and Bead. The adjustment will be found in a Wedge between the rear bearings. This Wedge is adjusted by Wing Nuts in front and back of frame near handle end. The Upper Shaft can be tipped toward front or back, as desired, thus making a deep crimp and shallow bead, or shallow crimp and deep bead. Face of rolls are flush with their arbors. When the Blank Rolls as furnished are placed behind the Crimping Rolls a plain crimper is procured.

Common Sense Combination Crimping and Beading Machine



Crimper and Beader



As a Plain Crimper

Capacity No. 24 Gauge Iron and Lighter

Number	Spiral Crimp 581	Straight Crimp 0581
Width Crimping Rolls	1 1/4	1 1/4
Width Beading Rolls	1	1
Diameter Beading Rolls	1 1/2	1 1/2
Diameter Crimping Rolls	1 1/2	1 1/2
Size Ogee Bead	3/4	3/4
Shipped boxed regularly	approx. lbs. 30	30

NOTE—Furnished complete with one pair of steel blank collars and offset bench standard.

GENERAL DESCRIPTION

A common-sense, direct-acting Crimping and Beading Machine recently made from new patterns. It fills a long-felt want for a compact, well-constructed, simple, but durable, machine that may be depended upon to perform with precision and accuracy for making a uniform crimp and bead or crimp only in pipe of black or galvanized iron.

It has been designed for serving every requirement of the large or the small sheet metal shop and will prove an inexpensive, desirable addition to the stove pipe department of the hardware store.

Beading and crimping rolls are countersunk and are held with round nuts which leaves the face of the rolls flush with the arbors. A pair of steel blank collars accompany each machine and when these collars are substituted for the beading rolls the same machine is converted into a plain Cornice Makers' Crimper.

Adjustment at "B" is fixed at the factory to prevent the upper gear running out of mesh and the adjustment under "A" is for setting the upper arbor. HOWEVER, THESE ADJUSTMENTS ARE NOT TO BE TAMPERED WITH UNLESS THE PROPER MESH OF ROLLS CANNOT BE SECURED FROM THE MACHINE AS ADJUSTED BY THE FACTORY.

Pexto Tinnars' Stakes

No. 901	Large Stake, or Beakhorn. Weighs 46 lbs.....	\$.....	
No. 904	Large Stake, or Beakhorn. Weighs 27 lbs.....	.....
No. 921	Double Seaming, large end 17 ins., small end 12 ins. Weighs 37 lbs. ....	.....
No. 930	Conductor, each end 14 ins. Weighs 25 lbs.....	.....
No. 931	Bevel Edged Square, face 3 x 5 ins. Weighs 16 lbs.....	.....
No. 932	Bevel Edged Square, face 2½ x 4½ ins. Weighs 14 lbs.....	.....
No. 925	Common Blowhorn, large end 9 ins., small end 18 ins. Weighs 14 lbs. ....	.....
No. 927	Creasing with Horn, round end 12 ins., flat end 6¾ ins. Weighs 12 lbs. ....	.....
No. 928	Common Creasing, 15 ins. long. Weighs 11½ lbs.....	.....
No. 935	Coppersmiths' Square, face 2¾ x 4½ ins. Weighs 11 lbs.....	.....
No. 936	Common Square, face 2¾ x 4½ ins. Weighs 11 lbs.....	.....
No. 938	Large Square, face 3 x 5 ins. Weighs 14 lbs.....	.....
No. 939	Small Square, face 1¾ x 2½ ins. Weighs 3 lbs.....	.....
No. 956	Candle Mould, long end 18½ ins., small end 9½ ins. Weighs 7½ lbs.....	.....
No. 957	Needle Case, flat end 8 ins., round end 10½ ins. Weighs 4 lbs....	.....
No. 965	Round Head, 3 ins., entire length 12½ ins. Weighs 9½ lbs.....	.....
No. 966	Bath Tub. Weighs 11 lbs. Top width 3 ins., length 16 ins.....	.....
HATCHET STAKES—Nos.			
	Length of blade—Inches	941 943 944	
	Weight—pounds	16 13 11	
	List Price—Each	14 8½ 6½	
BOTTOM STAKES—Nos.			
	Width—Inches	951 953	
	Weight—pounds	1¾ 1½	
	List Price—Each	3 2	
MANDREL STAKES—Nos.			
	Inches long to the Standard.....	960½ 961 962	
	Weight—pounds	40 34½ 30	
	List Price—Each	86 56 43	
No. 910	Hollow Mandrel, 3 feet, 4 inches entire length; flat part, 9 inches long, 6 inches wide; oval part 31 inches long. Weight 60 lbs....	\$.....	

For Illustrations see Page 145

WRITE FOR PRICES



59 NORTH SECOND ST., L. D. BERGER COMPANY PHILADELPHIA, PA.

Tinners' Stakes



Bevel Edged
Square Stake
Nos. 931-932



Creasing Stake
No. 928



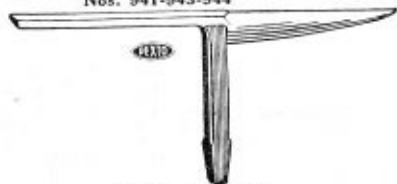
Hatchet Stake
Nos. 941-943-944



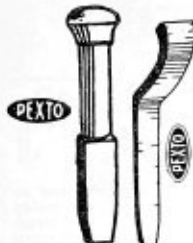
Needle Case Stake
No. 957



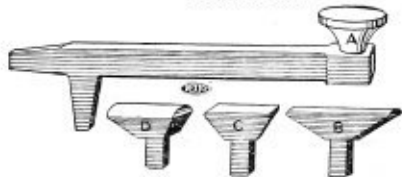
Coppersmiths
Square Stake
No. 935



Beakhorn Stake
Nos. 901-904



Round Head Bath Tub
Stake No. 965
Square Stake
No. 966



Double Seaming Stake, with Four Heads
No. 949



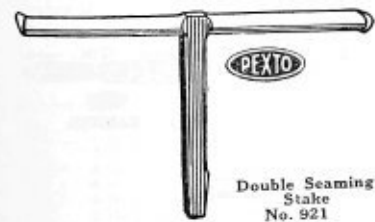
Square Stake
Nos. 936-938-939



No. 910 Hollow Mandrel Stake



Candle Mould
Stake
No. 956



Double Seaming
Stake
No. 921



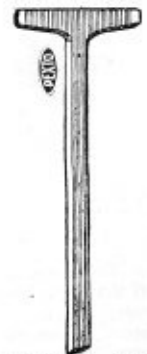
Bottom
Stake
Nos. 951-953



Creasing Stake
with Horn
No. 927



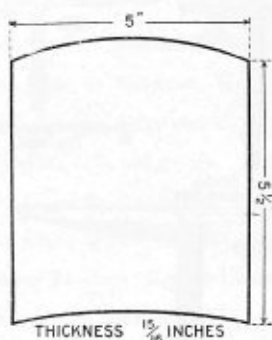
Blowhorn Stake
No. 925



Solid Mandrel Stake
Nos. 960 1/2 - 961-962

For Dimensions see Page 144
WRITE FOR PRICES

Hand Dolly



Steel—Hardened Face

Number	947
Size Face	5 x 5 7/8 inches
Thickness of Head	1 5/16 inches
Packed as ordered	weight lbs. 8 1/2

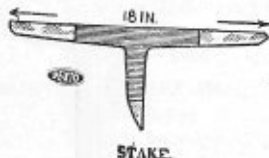
GENERAL DESCRIPTION

With the introduction of the Hand Dolly the sheet metal mechanic has found a profitable tool to aid his progress. The illustration will suggest many uses for the Hand Dolly. As a support inside of tanks when seaming by hand the Dolly is invaluable. A variety of operations in general sheet metal working practice which cannot be handled to advantage over the regular bench Stake might be more economically effected with a Stake of this pattern. A desirable addition to equipment in the auto repair shop. Your set of Stakes is not complete without the Hand Dolly. Well balanced with snug-fitting handle and PEXTO quality commends this tool to the practical worker.

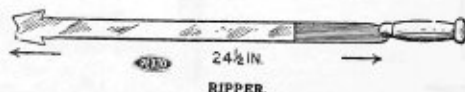
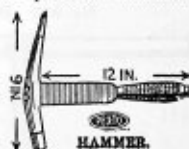
Bench Plates

Bench Plates with polished surface adapted for screwing to a bench and holding stakes and bench shears.

	Net Weight	Price
No. 980 Bench Plate, 48 x 12 inches.....	85 pounds	\$.....
No. 981 Bench Plate, 37 1/2 x 8 inches.....	46 pounds	.....
No. 982 Bench Plate, 30 x 8 inches.....	31 pounds	.....



Slaters' Tools

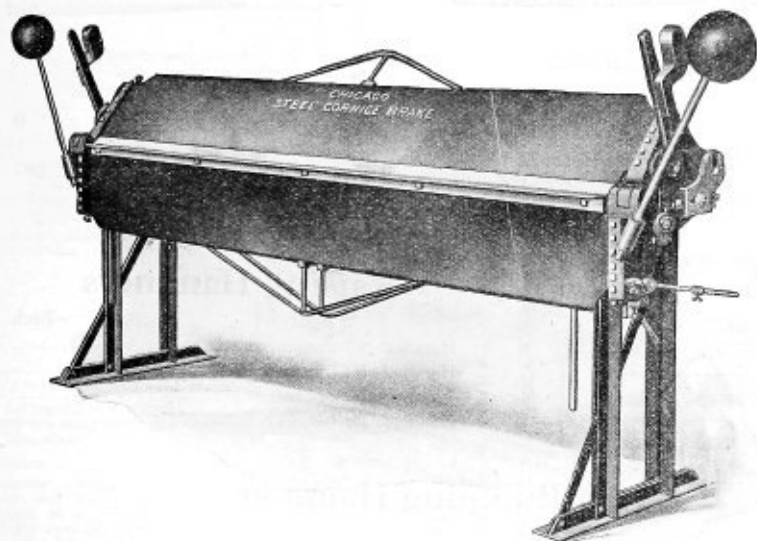


The Hammers are forged from one solid piece of steel, finely polished and tempered, and the ripper blade is cut from solid steel.

Slaters' Rippers	each, \$.....
Slaters' Hammers	each,
Slaters' Stake, not graduated	each,
Set of Slaters' Tools (Ripper, Hammer and Stake) .....	.....

Chicago Steel Cornice Brakes

Standard of the World



No. 818—Hand Bending Brake

GENERAL DESCRIPTION

These Brakes are of pressed steel construction, and owing to their light weight are handy to move around for Outside Construction Work. These are the most inexpensive Brakes that the market offers.

List of Chicago Steel Hand Bending Brakes

Number	Length	Capacity	Weight	Number	Length	Capacity	Weight
312	3 ft. $\frac{1}{2}$ in.	12 gauge	900 lbs.	616	6 ft. 1 in.	16 gauge	1200 lbs.
314	3 ft. $\frac{1}{2}$ in.	14 gauge	700 lbs.	618	6 ft. 1 in.	18 gauge	950 lbs.
316	3 ft. $\frac{1}{2}$ in.	16 gauge	500 lbs.	812	8 ft. 1 in.	12 gauge	2700 lbs.
412	4 ft. $\frac{1}{2}$ in.	12 gauge	1050 lbs.	814	8 ft. 1 in.	14 gauge	2000 lbs.
414	4 ft. $\frac{1}{2}$ in.	14 gauge	850 lbs.	816	8 ft. 1 in.	16 gauge	1500 lbs.
416	4 ft. $\frac{1}{2}$ in.	16 gauge	650 lbs.	818	8 ft. 1 in.	18 gauge	1090 lbs.
512	5 ft. 1 in.	12 gauge	1250 lbs.	1014	10 ft. 1 in.	14 gauge	3000 lbs.
514	5 ft. 1 in.	14 gauge	1100 lbs.	1016	10 ft. 1 in.	16 gauge	2500 lbs.
516	5 ft. 1 in.	16 gauge	980 lbs.	1018	10 ft. 1 in.	18 gauge	2100 lbs.
518	5 ft. 1 in.	18 gauge	850 lbs.	1020	10 ft. 1 in.	20 gauge	1800 lbs.
612	6 ft. 1 in.	12 gauge	2300 lbs.	1218	12 ft. 1 in.	18 gauge	4000 lbs.
614	6 ft. 1 in.	14 gauge	1550 lbs.	1222	12 ft. 1 in.	22 gauge	3000 lbs.

Special Notice

Chicago Steel Bending Brakes are made in over 100 regular sizes from 3 to 16 feet long to bend from the lightest sheet up to $\frac{3}{4}$ inch steel plate. Power brake circular will be sent on request.



THE SKYLINE OF THE NATION ENDORSES US
59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Riveting and Setting Hammers—Bright

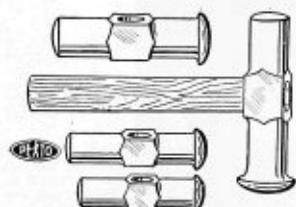


Riveting Hammer



Setting Hammer

No.	5	4	3	2	1	0
Size of face, inches	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$
Weight, ounces	6	10	14	18	24	40
Price each	\$					



Raising Hammers

No.	Weight	Each
1—Handled, 82 ounces		\$
2—Handled, 60 ounces		
3—Handled, 36 ounces		
4—Handled, 28 ounces		

Bumping Hammer



Black Finish, Polished Faces, Hickory Handle

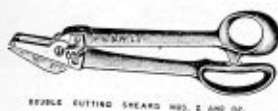
Number	10
Size of Square Face	inches $1\frac{1}{4}$
Diameter of Round Face	inches $1\frac{1}{4}$
Length of Head	inches 4
Length over all	inches $12\frac{1}{2}$
Weight without handles	ozs. 14

GENERAL DESCRIPTION

A hammer well designed for work where the regular Planishing and Raising Hammers are not best fitted. It has both a round and a square face. The hammer is designed for well applying itself to body bumping and as a finishing Hammer to be used on high polished sheet metals.

The hammer is drop forged from one piece of solid tool steel, typical of other high-grade forged tools in the PEXTO complete line.

Double Cutting Shears



Finish—Black Handles and Polished Heads

The Handles are Malleable Iron and the Blade is Forged Steel with hardened cutting edge. Great care is exercised in assembling for permitting a joint of pipe to be cut with ease and accuracy, leaving the edges smooth and clean.

Number	2A	02A	22
Weight, lbs. per dozen	36	36	12
Length over all, inches	12¾	12¾	8½

NOTE—No. 02A are the same as No. 2A except that they do not have the crimping attachment.

No. 22 is the same as the No. 02A but is in the Pocket size.

Bench Shears

Finish—Black Handles and Polished Heads

As regularly made, bench shears have a right hand cut with the lower blade on the right side of the shear.

Number	00	0	1	2	4
Capacity Gauge, will cut iron No.	18	18	18	19	20
Length of cut, inches	11½	10½	9	8¾	7¾
Length over all, inches	46	42½	39	37	30
Weight, lbs.	36	30	24	19	12

E L B O W

Number	5	6	31	32	33
Capacity Gauge, will cut iron No.	21	22	18	16	14
Length of cut, inches	6¼	5¾	4	6	7½
Length over all, inches	27	25	26	39	46
Weight, lbs.	9	8¼	9½	26	48

Packed one in a package.



Important Note

TOOLS, especially SHEARS, are very often condemned, due to lack of information or poor judgment in handling.

If a drop of oil is used on cutting blades while new before cutting metal, the sharp edge will be preserved.

Instructions for Regrinding Snips

Regrind at right angles to the inside of blade; then remove burr on cutting edge with oil stone.

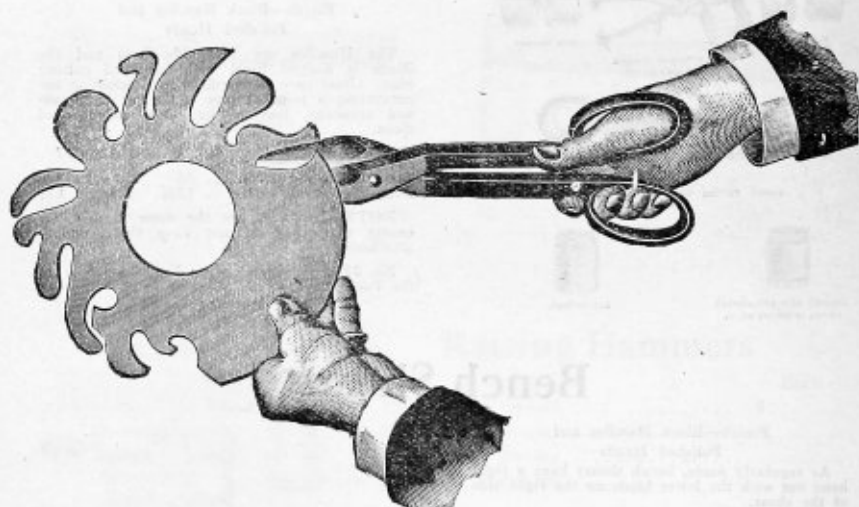
Edges for metal cutting should be square, not beveled.

Do not draw temper in grinding.

Tighten up bolt so that snip does not open of its own weight.

Loose snips dull quickly. KEEP WELL OILED.

Buffalo Combination Snips



The jaws of the Buffalo Combination Snip are so shaped that curves, scrolls and irregular shapes can be cut as well as straight lines. The jaws allow the material to pass freely when cutting curves or changing the direction of the cut.

Buffalo Circular Snips. As it is very desirable that snips with curved jaws intended to cut curves also have the jaws shaped "Buffalo" style, we offer the Buffalo Circular Snip.

These snips are finished in first-class manner, being forged out of the solid bar, with steel-laid jaws properly tempered.

	Per Pair
No. 17—Buffalo Straight Snip, 4 inch cut.....	\$2.90
No. 18—Buffalo Straight Snip, 3½ inch cut.....	2.40
No. 19—Buffalo Straight Snip, 3 inch cut.....	2.20
No. 17—Buffalo Circular Snip, 4 inch cut.....	3.60
No. 18—Buffalo Circular Snip, 3½ inch cut.....	3.10
No. 19—Buffalo Circular Snip, 3 inch cut.....	2.90

Made with handles for left hand at small additional cost

WRITE FOR DISCOUNT



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Compound Lever Shears

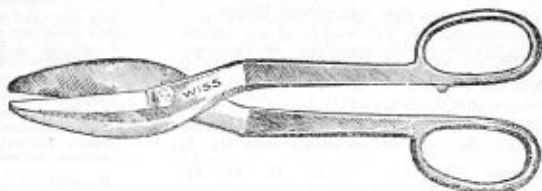


Made from drop forgings. Very strong and durable and cut easier than the old styles. The old styles require two to three times the same amount of strength to operate in heavy metal. The back part of the inside of the blades is cut away so as to allow them to more easily pass over or under the stock in cutting either inside or outside curves.

	Each
No. 10—10½ inch, length of cut 2½ inch.....	\$.....
No. 12—12 inch, length of cut 3 inch.....
No. 14—14 inch, length of cut 3½ inch.....

The "Wiss" Snip

In making this Snip a piece of the finest crucible steel is welded to the inside of the blades of the toughest of steel forgings, which gives the "Wiss" Snip its perfect, lasting, cutting edge. The blades are perfectly shaped, with points made strong and the handles formed so that they will not tire the hand even after continuous use.



No. 9 —Regular pattern, cut 3 ins., entire length 12½ ins.....	\$.....
No. 8 —Regular pattern, cut 3½ ins., entire length 13¾ ins.....	.....
No. 7 —Regular pattern, cut 4 ins., entire length 14¾ ins.....	.....
No. 19 —Buffalo pattern, cut 3 ins., entire length 12¾ ins.....	.....
No. 18 —Buffalo pattern, cut 3½ ins., entire length 13¾ ins.....	.....
No. 17 —Buffalo pattern, cut 4 ins., entire length 14¾ ins.....	.....
No. 9C—Circular blade, cut 3 ins., entire length 12½ ins.....	.....
No. 8C—Circular blade, cut 3½ ins., entire length 13¾ ins.....	.....
No. 7C—Circular blade, cut 4 ins., entire length 14¾ ins.....	.....

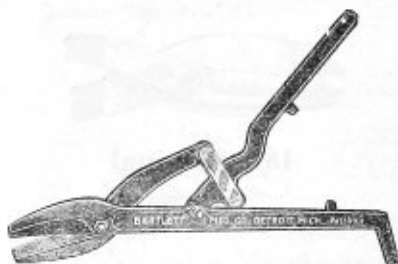
Compound Lever No. 30 Bench Shear

For use in sheet metal shops and general work, when a shear of great capacity is needed.

This tool is made with the patented compound lever principle used in our hand shears, which alone will prove its value to many users. It is made of well-designed malleable iron castings with all parts interchangeable for duplicate shears. The blades are solid crucible tool steel, 7/32" thick, and same grade as used in our hand snips. They run the full length of the jaw, including the pivot hole, so that the bearing back of this point is on hardened steel. They can be removed for sharpening when desired.

For heavy cutting this shear will surpass anything of equal size on the market. It will cut 12 gauge steel easily and the arrangement of the jaws allows a full sheet to be handled to advantage.

With the Bartlett Compound Lever Shear you are always sure to cut to the point.



Length over all.....	33 inches
Length of blade.....	8 inches
Length of cut.....	4½ inches
Weight.....	16 pounds
No. 30 Bench Shear.....	\$30.00

Write for Trade Discounts.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Tinners' Hand Snips

Fully Guaranteed



1819 Original

Straight Pattern

Finish—Blued Handles and
Polished Heads

Superfine steel laid cutting blades

Number	06½	6½	7	8	9
Will cut iron, No.	23	24	25	26	27
Length of Cut, inches	4½	4½	4	3½	3
Length over all, inches	17	15¾	14¾	13¾	12
Weight, lbs.	5	3½	2¾	2¼	1¾
Number	10	11	12	13	
Will cut iron, No.	28	28	28	28	
Length of Cut, inches	2½	2¾	2	1¾	
Length over all, inches	11	10¾	8¾	8	
Weight, lbs.	1½	1	¾	¾	

Packed one in a carton

The regular Snips Nos. 06½ to 13 are known as Left Hand Cut, and are used by Right Hand Man.

For a Left Handed Man we can furnish snips with special bows.



1819 Original

Circular Pattern

Superfine steel laid cutting blades

This Snip is exactly the same Snip as the above except that it has the Circular Blade.

Number	C6½	C7	C8	C9
Number	C10	C11	C12	C13

Packed one in a carton.



Hercules Combination Snip

Beveled Blades

Superfine steel laid cutting blades

Straight Pattern

Finish—Blued Handles and Polished Heads

These Snips are made so as to easily cut circles, scrolls, etc., and are equally adapted to the same class of work as the Buffalo. The jaws are beveled with straight cutting edges, which allows the material to pass freely when cutting curves or changing direction of the cut.

Number	146	147	148	149	150
Will cut iron, No.	24	25	26	27	28
Length of cut, inches	4½	4	3½	3	2½
Length over all, inches	15½	14½	13½	12½	11½
Weight, lbs.	3¾	3	2¾	2	1¾

Hercules Snip Circular Pattern

Number C147 C148 C149

Packed one in a carton.



The Lyon Snip

Improved

For Cutting Scrolls and Circles
Finish—Blued Handles and
Polished Head

Especially adapted to cornice and tin work. They are made to cut circles, scrolls, etc., very easily, but they are equally well adapted for regular snip work. The blades are rounding to give clearance and can be used for very delicate work. Best materials with forged handles and superfine steel laid cutting blades are used.

Number	165	170	180	190
Will cut iron, No.	24	25	26	27
Length of cut, inches	4	3½	3	2¾
Length over all, inches	15½	14	13	11½
Weight, lbs.	3¾	2¾	2¼	1¾

Packed one in a carton



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Tinners' Hand Snips



Hawks' Bill Combination Scroll and Circular Snip

Finish—Blued Handles and Polished Heads

Work can be cut on a straight line, and they will cut circles or the radii of a circle in very much smaller dimensions than it is possible to cut with any other Snip on the inside as well as on the outside of a sheet of metal.

The blades have a clearance bevel between the cutting edges, which permits the blades to easily turn a sharp corner or work around a small curve without buckling. The blades being unusually narrow and ground to an extreme narrowness at the points, they are highly valuable for cutting openings in pipe or cylinders of every description for furnace jackets, chimneys, tee joints, etc.

Best materials with forged handles and steel blades are used.

Number	15
Will cut iron, No.	28
Length of cut, inches	3
Length over all, inches	11 1/4
Weight, lbs.	1 1/4

Packed one in a carton.

We also stock and can furnish

COMPTON Drop Forge Steel "Reliance" Handy Tinners' Snips

Bar Tool Steel Laid Blades
Blue Finish Handles

The Length of Cut is the Standard Cutting Edge of Blade.

This Snip is adapted for cornice makers and an all-around combination tool cutting circular, straight and irregular shapes.

Number....	17	18	19	110
Full length ..	14 in.	13 in.	12 in.	11 in.
Length of cut 4 in.	3 1/2 in.	3 in.	2 1/2 in.	
Price per pair				



No. 59 Hand Slitting Shears

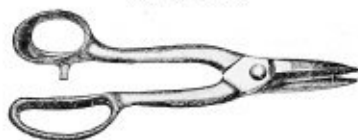
Finish—Blued Handles and Polished Heads

Both handles remain above the work and the Shears are so shaped that the cut sheets pass freely below the hand without danger of injury. Forged from best Norway Iron and laid with highest grade steel.

Number	59
Will cut iron, No.	24
Length of cut, inches	3
Length over all, inches	11 1/4
Weight, lbs.	2 1/4

Packed one in a carton

No. 900 Advance A Combination Snip that Cuts Straight, Angles, Curves or Circles



The Advance—two snips in one—is designed for hard work and long wear. For endurance, performance and quality it has no equal.

Length over all	11 inches
Cutting blade	3 inches
Weight boxed	2 pounds
No. 900—11-inch size	\$3.50

Individually boxed.

It has the leverage that enables it to cut twice the thickness of metal in comparison with any other snip of its size.

The cutting edge is made of high carbon tool steel forged into the blade. The edges are tempered to a degree of toughness that eliminates frequent grinding, and insures a true and sharp cutting edge at all times. Blades are highly polished.

The handles and backs of blades are unbreakable, being drop forged from toughest steel obtainable. Handles are smoothly finished and baked in black enamel.

Hollow Punches



Forged Steel

NOTE—Hollow Punches should be used with a block of lead under the sheet of metal to be punched and only on the usual run of tin plate and light gauges of black and galvanized iron. Used with care and good judgment they will give satisfactory service. We offer them in sizes from $\frac{1}{8}$ to 4 inches diameter.

Hand Grooving Tools

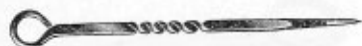


Hand Groover

Number	0000	000	00	0	1	2	3	4	5	6	7	8
Size Groove inches	19/32	17/32	$\frac{7}{8}$	$\frac{3}{4}$	11/32	$\frac{1}{2}$	9/32	7/32	5/32	$\frac{1}{8}$	7/64	3/32
Weight lbs.	0.1	0.1	1/6	1/6	1/6	1/6	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$

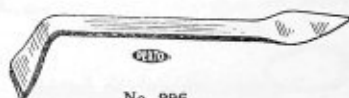
Scratch Awls

Hardened Points



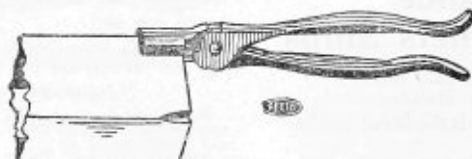
No. 01—Ring Scratch Awl, Solid Steel

Roofing Scraper



No. 996

Square Heater Pipe Crimper



Improved Method of Square Pipe Crimping

Number	787
Length inches	11
Shipping Weight lbs.	2



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Reamer and Socket Wrench



Number 792

A combination tool of great value to the worker in Sheet Metal. The Reamer is forged from a high-grade steel properly hardened and tempered, drawn to a sharp, hard point. The handle is of malleable iron, made up in a Socket Wrench with $\frac{1}{2}$ -inch and $\frac{3}{8}$ -inch square hole.

Improved Cutting Nippers



With Interchangeable Cutters

Number	0	1	3	4	5
Weight, per pair . . . lbs.	3½	2¼	1½	1	¾
Width, Cutting Jaw . . . ins.	2	1½	1¼	1¼	1¼
Length ins.	14	12	10	8	6

Cold Chisels



Octagon Pattern—Blade and Head Polished

Number 100

Width Blade . . . ins.	¼	½	¾	1	1½	2	2½	3	3½	4	4½	5	5½	6
Diameter ins.	¼	½	¾	1	1½	2	2½	3	3½	4	4½	5	5½	6
Length ins.	5¼	5¾	5¾	6	6	6½	7	7½	7¾	8	8½	9	9½	10

Rivet Sets



No. 46 Tinnern's Special Forged Steel Rivet Sets
Full Polished

Size	00	0	1	2	3	4	5	6	7	8
Size Hole . . . inches	5/16	9/32	15/64	.2130	.1910	.1660	.1495	.1405	.1285	.1100
Size Drill .Gauge No.	5/16	9/32	15/64	3	11	19	25	28	30	35
For Iron Rivets . . lbs.	14,16	10,12	7,8	6	4,5	3,3½	2,2½	1½,1¾	1,1¼	10,12oz
For Copper Rivets, Nos.		5	6	7	8	9	10,11	12	13,14	15
For Copper Rivets, inches		¼	7/32	½	5/32	9/64	¾	7/64	3/32	3/32

Solid and Prick Punches

Forged



SOLID PUNCHES

Octagon Forged Steel

SOLID PUNCHES

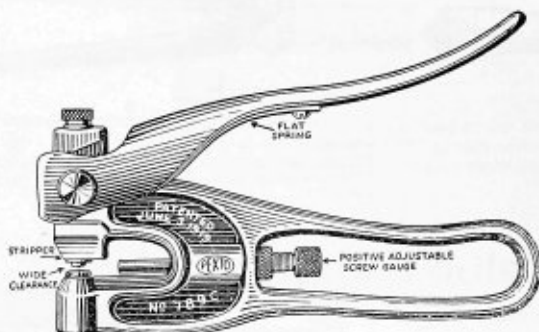
Number	Prick	00	0	1	2	3	4
Size Face dia. inches		.355	.305	.280	.250	.225	.213
Length inches	4½	5	5	4¾	4¾	4½	4½
For Rivets lbs.			16	14	12	9,10	7,8

SOLID PUNCHES

Number	5	6	7	8	9	10
Size Face dia. inches	.188	.168	.145	.123	.114	.093
Length inches	4½	4½	4½	4½	4½	4½
For Rivets lbs.	4,5,6	3,3½	2,2½	1¾,1½,1¾	¾,¾,1	¾,¾

PRICK PUNCH

Improved Wizard Hand Punch



Capacity— $\frac{1}{4}$ -inch Hole in No. 18 Gauge Iron and Lighter

Number	789C
Length Over All.....inches	8 $\frac{1}{4}$
Depth Throat.....inches	1 $\frac{1}{2}$
Packed One in a Box.....weight lbs.	3

NOTE—Furnished regularly with Three Punches and Dies, viz.: $\frac{1}{8}$, $\frac{3}{8}$ and $\frac{1}{4}$ -inch. Punches and Dies, $\frac{5}{32}$, $\frac{7}{32}$ and $1\frac{1}{4}$ inches, can be furnished in preference to the regular sizes, or extra, as may be specified. Unless mentioned otherwise, $\frac{1}{8}$, $\frac{3}{8}$ and $\frac{1}{4}$ -inch Punches and Dies will be sent.

GENERAL DESCRIPTION

The Wizard Hand Punch works like magic, it is powerful in action, and Drop Forged from Steel. Excluding the Punch and Die, only five parts are used in its construction. No links to spring, no rivets to split or strip. No pins, small screws and other parts to become easily worn or lost.

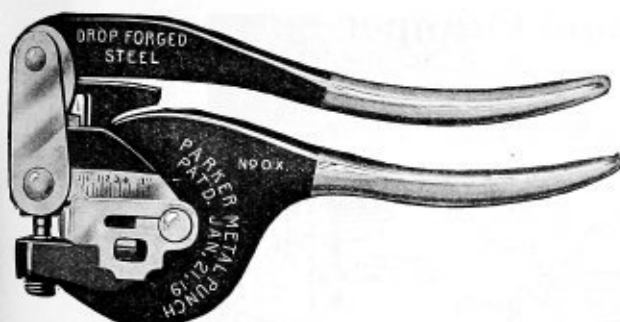
To remove the Punch, take out the easy-working Knurled Head Screw. The Die is slotted and has a screw thread, easily removed with the ordinary screw driver. A simple Gauge is fitted and which is adjusted through turning Knurled Head.

A powerful, and the simplest, easiest-working, interchangeable Hand Punch ever devised for meeting the exacting demands of the mechanic in the shop and for out-of-shop work.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Parker Metal Punch



The No. 0. X. Parker Punch is the only hand punch with a front and side gauge combined. The gauge is used as a screw driver to change die, also wrench for changing punch.

The front pointer in connection with the side gauge enables you to locate the centre of the punch without the necessity of looking into the throat; this feature saves a good deal of time in locating a centre, and does away with centre punching your work.

Made of O. H. Forged Steel, heat treated. All working parts are hardened and tempered. Will punch 17/64 inch hole in 16 gauge steel. Depth of throat to centre of punch 1 1/2 inches. Weight about 2 3/8 pounds.

Price, including 1 punch and 1 die..... \$7.00 net

Extra punches, \$0.30 each

Extra dies, \$0.40 each

Whitney's Portable Hand Punch

A modern money saving tool. Frequently pays for itself on one job. Dies quickly and easily changed or adjusted.

Punches and dies in 13 sizes, from 1/8 to 1/2 inch, and by one-thirty-seconds. One punch and one die furnished with each punch. Weight, 14 lbs.; length over all, 23 inches.



No. 2

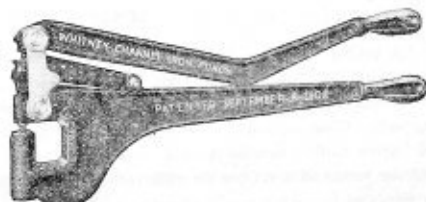
No. 2 Whitney's hand punch..... \$15.00 net

Extra punches or dies, each..... .50 net

Capacity, 7/16 inch hole through 1/4 inch iron or equivalent

Whitney's Channel Iron Punch

Every part interchangeable with No. 2 Whitney punch. Punches to centre of 4 inch channels, with 1 1/2 inch flanges. Same 13 size punches and dies used as in No. 2 punch. Weighs 16 1/2 lbs., length 23 inches.

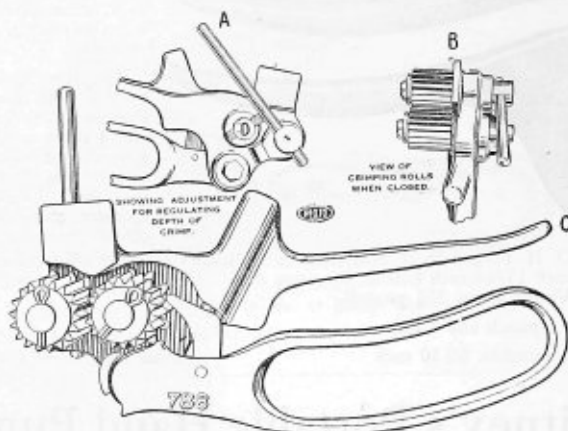


No. 2 Whitney's channel iron punch..... \$16.00 net

Extra punches or dies, each..... .50 net

Capacity, 1/4 inch hole through 1/4 inch iron or equivalent

Companion Steel Roll Hand Crimper



Capacity—No. 26 Gauge Iron and Lighter

Number	788
Weight	lbs. 1 3/4
Length Over All	inches 8
Packed One in a Box	weight lbs. 1 3/4

GENERAL DESCRIPTION

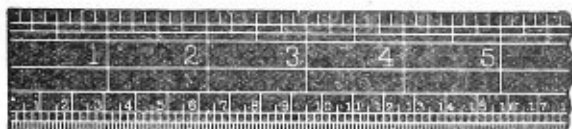
A needed companion tool for the mechanic engaged in pipe making or hanging. In the shop, and particularly on outside jobs, no kit is complete without this handy tool. To crimp a piece of pipe with machine-like effect and precision simply slip the end of the pipe to be crimped between the crimping rolls. Close the rolls by pushing down lever as shown in sectional cut at "A." The sectional cut "B" gives another view of crimping rolls when closed. With an up-and-down movement of the handle "C" by means of a ratchet the rolls rotate, making a perfect crimp in the pipe. The depth of crimp is regulated through a simple adjustment of the screw at "D" in the sectional cut.

A tool skillfully designed, well constructed, easy working, simple to operate and the first of its kind ever offered.



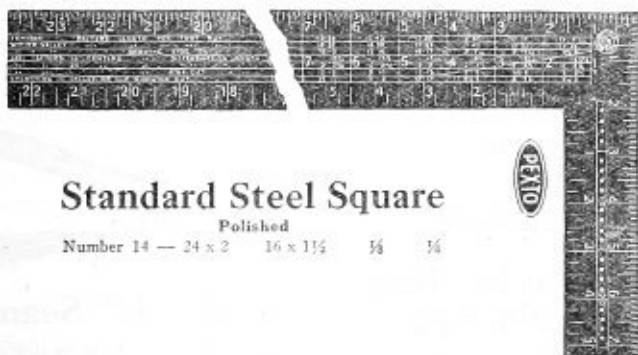
59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Flexible Steel Circumference Rule



Number	4-Foot 0101 Polished	4-Foot 0107 Nickel	3-Foot 101 Polished	3-Foot 107 Nickel
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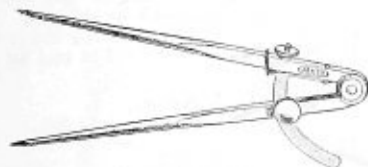
A Steel Rule that will prove invaluable for laying out work in general. The cut is an exact representative so far as shown; its entire length is 36 inches. The upper line is the Ordinary Rule graduated by eighths of an inch. The lower line shows at a glance the exact circumference of any cylinder by simply ascertaining the diameter, i. e., a vessel 5 inches in diameter the Rule indicates to be $15\frac{1}{4}$ inches in circumference. The reverse side contains much useful information in large, plain figures regarding the sizes of sixty different articles, such as cans, measures, pails, etc., with straight or flaring sides, flat or pitched top, liquid and dry measure in quarts, gallons and bushels. First is given the dimensions for vessels holding 1 to 5 gallons liquid measure; second, one-quarter to 2 bushels dry measure; third, pans with pitched tops 1 to 10 gallons; fourth, cans with flat top 1 to 200 gallons; fifth, vessel holding 1 to 8 quarts, and $\frac{1}{2}$ bushel to 3 bushels dry measure.



Standard Steel Square

Polished

Number 14 — 24 x 2 16 x $1\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{4}$



Dividers No. 165

Forged Steel—Nickel Plated
Hardened Points

6 7 8 10 12 15 18 24-inches

Steel Straight Edge

These Straight Edges are made of steel and have beveled edges. They are invaluable around the shop for laying out work in general.

Number	994	995	993
Length ... inches	48	96	120
Size ... inches	$2\frac{1}{4} \times \frac{1}{4}$	$2\frac{1}{4} \times \frac{1}{4}$	$2\frac{1}{4} \times \frac{1}{4}$
Shipping Weight, pounds	$7\frac{1}{2}$	15	17





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



**Gutter Tongs
No. 777**

Depth of jaws, 14 inches; width of blades, $1\frac{3}{4}$ inches; length of blades, $12\frac{1}{2}$ inches.

Gutter Tongs, each \$

Common Roofing Tongs

Sizes $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$ and 2 inches
18 $\frac{1}{2}$ -inch Blades

Per set of two pairs \$



Clamp Tongs No. 785

Clamp Tongs

Weight, lbs.	3 $\frac{1}{2}$
Depth of jaws, inches	3
Length of handles, inches	14
Width of blades, inches	$1\frac{1}{2}$
Length of blades, inches	6
Price	\$



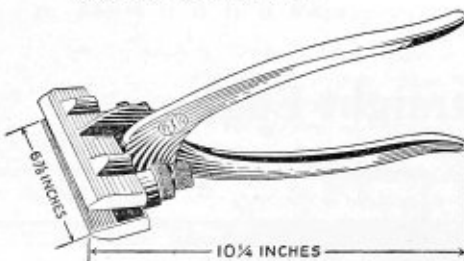
"Handy" Seamer

Adjustable for seams of different width from $\frac{1}{8}$ to $\frac{3}{8}$ inch. Can be used where larger seamer would not be practical. As it is light and measures but $7\frac{1}{4}$ inches by $3\frac{1}{2}$ inches it can be carried in tool kit or pocket.

No. 791—Handy Seamer,
japanned, each \$

Jumbo Handy Seamer

This Seamer is the same as No. 791 except it is heavier and larger. Measures $10\frac{1}{4}$ inches by $6\frac{3}{8}$ inches.
No. 795—Jumbo Handy Seamer,
japanned, each . . . \$





59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.



Roofing Folder Nos. 13C-23C-33C

Roofing Folders



Roofing Folder Nos. 113 Imp.-123 Imp.

Nos.	13C	23C	33C	113 Imp.	123 Imp.
Length, inches	20	28	30	20	30
Will form locks, size, inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{8}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{1}{2}$
Price					

NOTE—C after number signifies common type and fitted for one size lock only. Imp. after number signifies improved pattern with adjustable gauge.



Hand Roofing Double Seamers

Number	743	Common Gauge 744	Wide Gauge 745	Iron Gauge 746
Sizes	$\frac{1}{2} \times \frac{1}{4}$	$\frac{1}{4} \times 1$	$1 \times \frac{1}{4}$	$1 \frac{1}{2} \times 1 \frac{1}{2}$
Weight per Set	14	16	19	22
Match up with Roofing Tongs	$\frac{1}{4} \times 1$	$1 \times \frac{1}{4}$	$1 \frac{1}{4} \times \frac{1}{4}$	$1 \frac{1}{2} \times 1 \frac{1}{2}$
Packed as ordered				
Shipped in Sets of two Seamers unless otherwise specified.				



No. 766—Squeezing Tongs

Roofing Tongs

SQUEEZING TONGS

Weight, lbs.	17
Length of squeezing jaws, inches	11 $\frac{1}{2}$
Depth of squeezing jaws, inches	$\frac{3}{8}$
Length of handles, inches	24
Price	\$

Burritt's Roofing Double Seamers

NOTE—Nos. 742 and 742 $\frac{1}{2}$ are fitted for I. C. Tin. No. 0742 is fitted for Iron Roofing not heavier than 28 gauge for single or double seam. Common gauge Seamers No. 742 follow 1 and $1 \frac{1}{4}$ -inch Tongs, finishing a lock $\frac{1}{4}$ -inch high. Wide gauge Seamers No. 742 $\frac{1}{2}$ follow $1 \frac{1}{4}$ and $1 \frac{1}{2}$ -inch Tongs, finishing a lock 1 inch high. Iron Roofing Double Seamers No. 0742 are made in wide gauge only and follow $1 \frac{1}{2}$ and $1 \frac{3}{4}$ -inch Tongs, finishing a double seam 1 inch high. Specify by number. Where Seamers are ordered in half sets, be sure to specify whether the first or second pair of Seamers are desired.

These Roofing Double Seamers for Standing Lock will do the work more evenly than by any other process and leave the formed lock of uniform height. They will work well over uneven roof boarding and will double seam hips and ridges with perfect ease.

The first pair of Common-gauge Seamers finish 1-inch seam single lock, and is numbered 7 on the Outside Bar and 8 on the Center Bar.

The second pair of Common-gauge Seamers finishes $\frac{1}{2}$ -inch seam, double lock, and is numbered 9 on the Center Bar and 10 on the Outside Bar.

The first pair of Wide-gauge Seamers, finishes seam $1 \frac{1}{4}$ -inch, single lock, and is numbered 5 on the Outside Bar and 3 on the Center Bar.

The second pair Wide-gauge Seamers finishes seam 1 inch, double lock, and is numbered 4 on the Center Bar and 6 on the Outside Bar.



Number	Common Gauge 742	Wide Gauge 742 $\frac{1}{2}$	Iron Gauge 0742
Shipped packed as ordered. Weight per Set of Two Pairs	40	40	42

"L. D. B." Play Shovels

These stoutly made play-time shovels may be rightly termed "Faithful Toys."

The well-seasoned wood that is used in the handles is tough enough to stand any strain to which they are likely to be subjected without breaking.

The blades are made of galvanized iron of a thickness that will not buckle under strain.

The method of locking the blade to the handle is an important feature. The metal is forced into the wood by machinery and the parts cannot become detached.

The length of blade of the No. 1 shovel is $3\frac{1}{2}$ inches; No. 2, $4\frac{1}{2}$ inches; No. 4, $4\frac{3}{4}$ inches; No. 7, $6\frac{1}{4}$ inches. The illustrations, which were taken from photographs, show the proportionate sizes.

Careful, experienced workmen do their part to make the "L. D. B." brand of shovels synonymous with "Faithful Toys."

Prices quoted on application.



No. 7



No. 2



No. 1



No. 4

L. D. Berger Company

59 N. Second Street

Philadelphia, Pa.



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

BRIEF BUSINESS LAWS

If a note is lost or stolen it does not release the maker; he must pay it if the consideration for which it was given and the amount can be proven.

Notes bear interest only when so stated.

Principals are responsible for the acts of their agents.

Each individual in a partnership is responsible for the whole amount of the debts of the firm, except in cases of a special partnership. The word "limited" in connection with a firm name indicates that a limitation of responsibility for each member is fixed.

Ignorance of the law excuses no one.

An agreement without consideration of value is void.

A note made on Sunday is void, also one dated ahead of its issue. It may be dated back at pleasure.

Contracts made on Sunday cannot be enforced.

A note by a minor is void in some States, and in others it is voidable on judicial decision.

A contract made with a minor, or a lunatic, is void.

A note obtained by fraud or from a person in a state of intoxication cannot be collected. It is a fraud to conceal a fraud. Signatures made with a lead pencil are good in law. The acts of one partner bind the rest.

"Value received" is usually written in a note, but it is not necessary. If not written it is presumed by the law or may be supplied by proof.

No consideration is sufficient in law if it be illegal in nature.

Checks or drafts must be presented for payment without unreasonable delay.

An indorsee has a right of action against all whose names are on the bill when he received it.

If the letter containing a protest of non-payment be put into the post-office, any miscarriage does not defeat the party giving notice.

Notice of protest may be sent either to the place of business or residence of the party notified.

USEFUL INFORMATION

To find circumference of a circle, multiply diameter by 3.1416.

To find the diameter of a circle multiply circumference by .31831.

To find area of a circle multiply square of diameter by .7854.

To find area of a triangle multiply base of $\frac{1}{2}$ perpendicular height.

To find surface of a ball multiply square of diameter by 3.1416.

To find solidity of a sphere multiply cube of diameter by .5236.

To find side of an equal square multiply diameter by .8862.

To find cubic inches in a ball multiply cube of diameter by .5236.

Doubling the diameter of a pipe increases its capacity four times.

A gallon of water (U. S. standard) weighs 8 lbs. $\frac{1}{8}$ oz. and contains 231 cubic inches.

A cubic foot of water contains $7\frac{1}{2}$ gallons, 1,728 cubic inches, and weighs 62 $\frac{1}{2}$ pounds.

To find the pressure in pounds per square inch of a column of water multiply the height of the column in feet by .434.

Steam rising from water at its boiling point (212 degrees) has a pressure equal to the atmosphere (14.7 pounds to the square inch).

A standard horse power: The evaporation of 30 pounds of water per hour from a feed water temperature of 100 degrees F. into steam at 70 pounds gauge pressure.

To find capacity of tanks any size: given dimensions of a cylinder in inches, to find its capacity in U. S. gallons: Square the diameter, multiply by the length and by .0034.

CAPACITY OF STORAGE TANKS

RECTANGULAR TANKS

Width feet	Height feet	Length feet	Capacity bbls.
2	2	4	4
2	2	6	6
2	2	8	7 $\frac{1}{2}$
2 $\frac{1}{2}$	2	8	9 $\frac{1}{2}$
3	2	8	12
4	2	8	15
3	2	10	14
4	2	10	19
4	2	16	30

ROUND TANKS

Diam. feet	Height feet	Capacity bbls.	Diam. feet	Height feet	Capacity bbls.
2	2	1 $\frac{1}{2}$	4	4	12
2 $\frac{1}{2}$	2 $\frac{1}{2}$	3	4	5	15
3	2	3 $\frac{1}{4}$	5	4	19
3	3	5	5	5	24 $\frac{1}{2}$
3	4	7	6	4	27 $\frac{1}{2}$
4	3	9	6	5	34 $\frac{1}{2}$

31 $\frac{1}{2}$ Gallons—1 Barrel



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

Index

	PAGE NO.		PAGE NO.
A			
Acid Swabs	104	Clamp Hangers	16
Adjustable Elbows	70, 71, 72	Clamp Tongues	160
Ajax Folding Roof Brackets	89	Clay, Stove	109
Allinwon Rotary Machine	140	Cleaned Sheets	42
Angles	70	Cleats, Pipe	21
Asbestos Cement	91	Clips, Dampner and Rod	76, 79
Asbestos Paper	92	Clips, Pfeifer	50
Asbestos Paste	92	Cold Chisels	155
Ash Can Handles, Malleable	27	Collars, Stove Pipe	109
Awls, Scratch	154	Composition Mallets, Miller	104
		Conductor Elbows and Shoes	36, 37, 38
		Conductor Fastners	22
B		Conductor Heads	40, 41
Balls, Copper and Zinc	106	Conductor Hooks	17, 18, 19
Bath Tub Stakes	144, 145	Conductor Pipe	31, 32
Beadng Machines	140, 141	Conductor Strainers	23
Bearings, Dampner	76	Conductor Straps	41
Bench Machines	137 to 143	Connections, Sewer, Cast Iron	125
Bench Plates	146	Copper Balls	106
Bench Shears	149, 151	Copper Sheets	54
Black Sheets	42	Coppersmiths' Square Stakes	144, 145
Bishop Gutter End Formers	33	Coppers, Soldering	105
Blast Gates	110	Cornices	68
Blow Horn Stakes	144, 145	Cornice Breaks	147
Boards, Stove	108	Cornice End Blocks	68
Boat Pumps, Galvanized	29	Corrugated Iron and Steel Sheets	50
Boiler Pitch	94	Corrugated Ridge Roll	50
Bolts, Stove	102	Corrugated Roofing	50
Bonnets, Furnace	84	Corrugated Wall Flashings	50
Boots, Tin Flue	82, 83	Creasing Stakes	144, 145
Borders, Cast, Register	112 to 120	Creasing Blocks	68
Borders, Slate	112	Crimper, Hand, Steel Rolls	158
Bottom Stakes	144, 145	Crimper, Square Heat Pipe	154
Brakes, Bench	133, 135	Crimping and Beading Machines	142, 143
Brakes, Steel, Cornice	147	Cross Bar Hangers	19
Brass Sheet	54	Crown Mouldings	68
Bread Pan Handles, Malleable	26	Cut Offs, Conductor	37
Brief Business Laws	163	Cutting Nippers	155
Brushes, Acid	104		
Brushes, Roof, Paint	93	D	
Brushes, Wall, Paint	93	Dairy, Tinned Iron	42
Bucket Ears	25	Dampers, Brick Flue	80
Buckets, Roofers	95	Dampers, Heat and Smoke	77 to 80
Building and Sheathing Paper	92	Dampers, Tin Flue	80
Bundling Table, Black Sheets	46, 47	Damper Clips	79
Bundling Table, Galvanized	44, 45	Damper Rods and Knobs	80
Bunsen Burners	99	Damper Regulators	76
Burring Machines	137	Dividers, Wing	159
Burrs, Swedes Iron	102	Dippers, Pitch	95
Burrits Roofing Double Seamers	161	Dish Pan Handles	27
		Dogwood Mallets	104
C		Dolly, Hand	146
Cable Straps	110	Double Seamers, Burritts	161
Can Screws	111	Double Seamers, Hand Roofing	161
Candle Mould Stakes	144, 145	Double Seaming Stakes	144, 145
Candles, Plumbing	106	Draft Checks	78
Capacity of Storage Tanks	163	Drills, Post	125
Caps, Eave Trough	35	Drives, Conductor	22
Caps, Roofing	93	Duplex Registers, Pipeless	123
Cast Iron Leader Shoes	125		
Cast Iron Soldering Formula	101	E	
Cast Iron Soldering Furnaces, Gas	98	Ears, Wrought and Malleable	25
Casing Collars, Furnace	85	Eaves Trough	30, 32
Casings, Furnace, Galvanized Iron	84	Eaves Trough Hangers	5 to 20
Casing Tops, Furnace	84	Edging Machine	138
Cement, Furnace	91	Edging Rolls	138, 139
Cement, Roof	91	Elbows, Adjustable	70, 71, 72
Channel Punch	157	Elbows, Conductor	36, 37, 38
Charcoal	60	Elbows, Stove Pipe, Black	72
Charcoal Fire Pots	60	Elbows, Tin Speaking Tube	108
Checks, Draft	78	Elbows, Tin, Twin, Hot Air	70
Chimney Caps and Tops	73, 74	Elbow Edging Machine	138
Circles, Gutter	15, 16	End Blocks, Cornice	68
Circular Shears	152, 153	End Pieces, Gutter	35
Circumferences and Areas of Circles	81	End Wall Flashings, Corrugated	50
Circumference Rules, Steel	159	Extension Ladders	88
		Extension Shanks	12
		Extra Wiping Solder	105



PAGE NO.

F

Fasteners, Pipe.....	22
Felt Slaters.....	92
Finials and Vanes.....	66, 67, 68
Fireclay, Rutland.....	109
Fire Door Tin.....	62
Fire Place Dampers.....	77
Fire Pots, Charcoal.....	60
Fire Pots, Gas.....	98
Fire Pots, Gasoline.....	96
Fittings, Warm Air.....	82 to 85
Flashing Hooks.....	19
Flashings, Corrugated.....	50
Flat Seam Tin Roofing Table.....	58, 59
Flue Stoppers.....	109
Fluid Soldering.....	105
Folders.....	132, 133, 161
Folders, Roofing.....	161
Folding Roof Brackets.....	89
Ford Charcoal Briquets.....	60
Formed Products Table.....	51
Formers, Box and Pipe.....	135
Formers, Gutter.....	33
Formers, Stove Pipe.....	133, 134
Forming Rolls.....	133, 134
Formula for Soldering Cast Iron.....	101
Furnace Casings and Tops.....	84
Furnace Cement.....	91
Furnaces, Gas and Gasoline.....	96, 98
Furnaces, Pipeless.....	87
Furnaces, Warm Air, Pipe.....	86

G

Gauge Table, Iron, Steel, Copper and Zinc.....	57
Galvanized Casings, Furnace.....	84
Galvanized Sheets.....	42
Gap Shears.....	128
Gas Appliances.....	97, 98, 99
Gasoline Fire Pots.....	96
Gasoline Torches.....	97
Gates, Blast.....	110
Grating, Pipeless.....	123
Groover, Rapid Machine.....	134
Groover, Hand.....	154
Guard Drop Handles.....	26
Guards, Snow.....	24
Guards, Spout.....	23
Gutter, Copper, Galvanized, Zinc.....	30, 32
Gutter End Formers.....	33
Gutter End Pieces.....	35
Gutter Hangers.....	7 to 16; 19, 20
Gutter Mitres.....	34
Gutter, Roof.....	33
Gutter Spikes.....	13
Gutter Tongues.....	160

H

Hammers, Bumping.....	148
Hammers, Raising.....	148
Hammers, Riveting.....	148
Hammers, Setting.....	148
Hammers, Slatting.....	146
Hand Dolly.....	146
Hand Groover.....	154
Hand Punches.....	100; 154 to 157
Hand Roofing Double Seamers.....	161
Handy Seamers.....	160
Handles, Malleable.....	26, 27
Handles, Soldering Copper.....	104
Hanger Strength Tests.....	6
Hanger Tongs.....	21
Hangers, Clamp.....	16
Hangers, Cross Bar.....	19
Hangers, Gutter.....	7 to 16; 19, 20
Hangers, Strap.....	20
Hatchet Stakes.....	144, 145
Heads, Conductor.....	40, 41
Heat Pipes, Tin.....	82
Heat Stacks, Tin.....	82
Heater Tops and Casings.....	84
Heaters, Warm Air.....	86, 87
Hetzl's Elastic Roof Cement.....	91
Hoisting Block, Roofers.....	95

PAGE NO.

Hollow Punches.....	154
Hollow Mandrel Stakes.....	144, 145
Hooks, Conductor.....	17, 18, 19
Hooks, Flashing.....	19
Hooks, Ladder.....	89
Hoop Iron.....	106
Hot Air Boots, Tin.....	82, 83
Hot Air Boxes, Tin.....	84
Hot Air Elbows, Tin.....	70, 71, 85
Hot Air Pipe, Tin.....	82

I

Indicator Handles, Register.....	112
Iron, Black and Galvanized Sheets.....	42
Iron Burrs.....	102
Iron, Table Weights and Sizes.....	43 to 47
Iron, Tinned Sheets.....	42
Iron Toncan Sheets.....	42

J

Jumbo Handy Seamer.....	160
Justwell Elbows.....	70, 71

K

Kettles, Pitch.....	94
Knobs, Damper.....	80
Knobs, Tea-Pot.....	27
Kuehn's Korrekt Kut-Offs.....	37

L

Ladder Brackets.....	88, 89
Ladder Hooks.....	89
Ladder Jacks.....	89
Ladders, Extension.....	88
Lard Can Handles.....	26
Lath, Metal.....	56
Lead, Sheet Table.....	54
Lead Washers.....	51
Leader Elbows and Shoes.....	36 to 38
Leader Pipe.....	31, 32
Leader Shoes and Sewer Connections, Cast Iron.....	125
Letters, Steel.....	111
Lever Shears.....	129, 131
Lid Handles.....	27
Lining, Stove.....	109

M

Machine Standards, Bench.....	137
Machine Standards, Revolving.....	136
Machines, Bench.....	130 to 143
Machines, Foot and Power.....	126 to 129
Malleable Handles.....	26, 27
Mallets, Tinner's.....	104
McGuire Thimbles.....	109
Measurements for Pipe Making.....	65
Metal Lath.....	56
Metal Siding.....	49
Metallic Brown Paint.....	90
Milk Can Handles.....	26
Mitres, Gutter.....	32, 34
Mop Yarn, Roofers.....	93
Moulding, Crown.....	68

N

Nails, Wire Roofing.....	100
Nails, Slatting.....	100
Nails, Table, Size, Gauge, Number to Pound.....	101
Needle Stake.....	144, 145
Nickel Zinc.....	54
Nippers, Cutting.....	155
Nu-Dura Tin.....	62

O

Offsets, Tin Stack.....	85
O. G. Box and Roof Gutter.....	33
Oil Pumps, Galvanized.....	29
Oil Tinner's.....	90
Open and Shut Indicators.....	112
Ornamental Pipe Straps.....	41
Outlets, Gutter.....	35

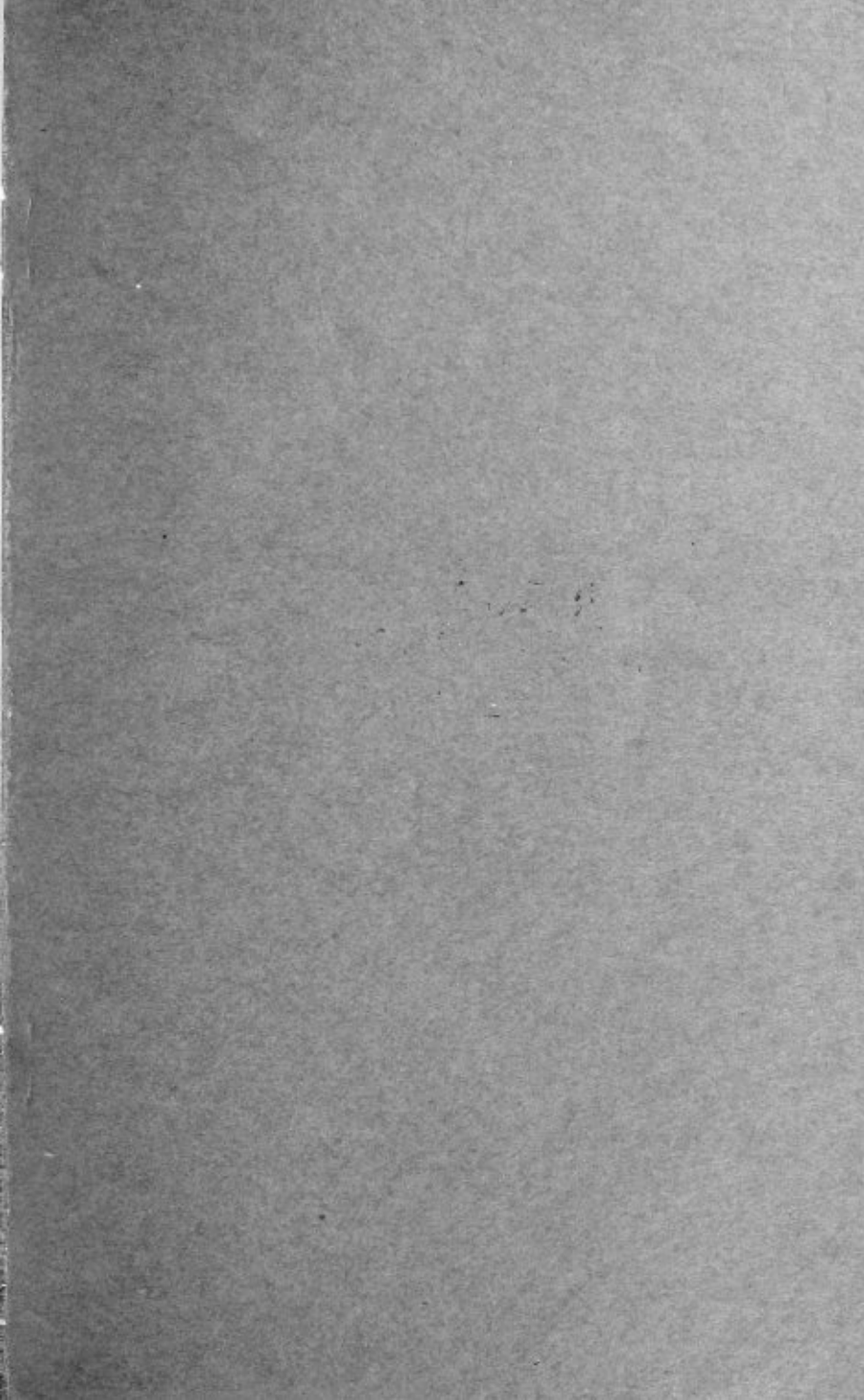


	PAGE NO.		PAGE NO.
P		Roofers' Hoisting Block or Slag	
Pailwoods, Enameled	27	Wheel	95
Paint, Roofing	90	Roofers' Mop Yarn	93
Paint Brushes	93	Roofers' Pitch Boilers	94
Paper, Asbestos	92	Roofers' Slag Brooms	95
Paper, Building and Sheathing	92	Roofing Caps, Tin	93
Parker Metal Screws	100	Roofing Felt, Tarred	92
Paste, Asbestos, Dry	92	Roofing, Iron and Steel	48, 50
Pecora Cements	91	Roofing Pitch	95
Perforated Tin	56	Roofing Seamers	161
Pfeifer Clips	50	Roofing Slag	95
Pipe Cleats	21	Roofing Tin	61, 62, 63
Pipe Conductor	31, 32	Roofing Tongs	160, 161
Pipe Fasteners	22	Roofing, V Crimped	48
Pipe Furnaces	86	Roses, Sprinkler Heads	111
Pipe, Hot Air and Smoke	82	Rosin	60
Pipe Straps, Tin	110	Rosin Sized Sheathing	92
Pipe Straps, Ornamental	41	Rotary Shears	130, 131
Pipe, Table Measurements	47, 64, 65	Rubber Mallets	104
Pipeless Furnaces	87	Rutland Fireclay	109
Pipeless Furnace Gratings	123	Rules, Tinnerns	159
Pitch Boilers or Kettles	94		
Pitch Buckets	95	S	
Pitch Dippers	95	Safety Ladder Brackets	88, 89
Pitch, Roofing	95	Sal-Ammoniac, Brick	104
Plastering Lath	56	Sample Board L. D. B. Products	4
Play Shovels	162	Scrapers, Roof	154
Plumbers' Candles	106	Scratch Awns	154
Pocket Seamers	160	Screws, Parker Sheet Metal	100
Polish, Stove	109	Seaman Safety Bracket	88
Post Drill	125	Steamers, Handy	160
Pots, Fire	60, 96, 98	Setting Down Machine	141
Prepared Roofing	92	Sewer Connections, Cast Iron	125
Pressed Brick and Stone Siding	49	Shanks, Gutter	5 to 12
Pumps, Boat	29	Shear and Punch, Combined	131
Pumps, Oil	29	Shear, Lenox Throatless	131
Pumps, Valve and Plunger	28	Shear, Slitting, Lever	131
Punches, Channel	157	Shear, Slitting, Rapid	130
Punches, Hand	156, 157	Shears, Advance Hand	153
Punches, Hollow	154	Shears, Bench Hand	149, 151
Punches, Prick	155	Shears, Buffalo Hand	150
Punches, Solid	155	Shears, Compound Lever, Hand	151
Punches, Stop	100	Shears, Compton Hand	153
Putty	93	Shears, Double Cutting	149
		Shears, Pexto, Hand	152, 153
Q		Shears, Ring and Circular	130
Quadrants, Damper	76	Shears, Squaring, Foot	126, 128, 129
		Shears, Squaring, Power	127
R		Sheathing Paper	92
Raising Hammers	148	Sheet Brass	54
Reamers, Socket	155	Sheet Copper	54
Reducers, Black Smoke Pipe	72	Sheet Copper, Price Differential	55
Registers and Borders, Cast	112 to 120	Sheet Copper, Table Gauge and Thick-	
Register Boxes, Tin	84	ness	54
Registers, Duplex Pipeless	123	Sheet, Steel and Toncan Iron	42
Registers, Floor and Ceiling, Adj.	124	Sheets, Tables, Corrugated Sq. Ft.	52, 53
Registers, Round	120	Sheets, Tables, Iron, Bundle Weights	44 to 47
Registers, Round and Square Face	124	Sheets, Tables, Iron Products Formed	51
Registers and Faces, Stamped Steel	121, 122	Sheets, Tables, Iron Gauges and	
Regulators, Dial	76	Weights	43
Repair Spikes	13	Sheet Lead, Table, Weight and Thick-	
Ridge Roll, Copper and Galvanized	31	ness	54
Ridge Roll, Corrugated	50	Sheet Metal Work, Shop	39
Ring and Circular Shears	130	Sheet Metal Lath	56
Ripper, Slaters	146	Sheet Tin, in Boxes	62, 63, 64
Rivets, Table Dimensions	103	Sheet Tin, Perforated	56
Rivets, Tinnerns	102	Sheet, Tinned Iron	42
Rivet Sets	155	Sheet Zinc	56
Riveting Hammers	148	Shipping Instructions	3
Rock Face Siding	49	Shoes, Conductor	36, 38
Rods, Damper	80	Shovels, Play	162
Rods, Hanger	19	Sidewall Flashings	50
Rolls, Elbow Edging	138, 139	Siding, Brick, Rock Face, Weather-	
Roll Roofing	48	board	49
Roll Tin	61, 63	Skylights	69
Roof Brackets, Ajax	89	Slag, Brooms	95
Roof Brushes	93	Slag, Roofing	95
Roof Cement	91	Slag, Wheels	95
Roof Construction	58, 59	Slate Floor Borders	112
Roof Gutter	30, 32, 33	Slaters' Hammer	146
Roof Scrapers	154	Slaters' Ripper	146
Roof Snow Irons	24	Slaters' Stake	146
Roofers' Buckets	95	Slitting Shears	129
Roofers' Dippers, Pitch	95	Snow Irons	24
		Socket Wrench and Tee Reamer	155



59 NORTH SECOND ST., **L. D. BERGER COMPANY** PHILADELPHIA, PA.

	PAGE No.		PAGE No.
Solder, Acid Core.....	105	Tin Roofing, Rolls.....	61, 63
Solder, Berco.....	105	Tin, Round Heat Pipe.....	82
Solder, Half and Half, L. D. B.....	105	Tin Square Stack Pipe.....	82
Solder, Rosin Core.....	105	Tin Speaking Tube.....	108
Solder, Wiping.....	105	Tin Speaking Tube Elbs.....	108
Solder, Wire.....	105	Tin Speaking Tube Whistles.....	108
Soldering Coppers.....	105	Tinners' Furnace, Fire Pots.....	60, 96, 98
Soldering Copper Handles.....	104	Tinners' Oil.....	90
Soldering Fluid, A. S. P.....	105	Tinners' Rivets.....	102
Soldering Fluxes.....	101	Tinners' Stakes.....	144, 145
Speaking Tube, Tin.....	108	Tinners' Tools and Machines.....	125 to 161
Spikes, Gutter.....	13	Tocoseal Roof Cement.....	91
Spikes, Repair.....	13	Toncan Metal.....	42
Spout Guards, Wire.....	23	Tongs, Hanger.....	21
Spout Heads.....	40, 41	Tongs, Roofing.....	160, 161
Spouting, Copper.....	31	Tools and Machines.....	121 to 161
Spouting, Toncan Iron and Steel, Galvanized.....	31	Torches, Gas and Gasoline.....	97, 99
Spouting, Zinc.....	32	Turning Machines.....	137
Sprinkler Heads.....	111	Twisted Wire Conductor Hooks.....	17
Square, Tinners' Steel.....	159		
Square Stakes.....	144, 145	U	
Square Heater Pipe Crimper.....	154	Uniform Color Stove Pipe Iron.....	42
Stack Boots, Tin.....	82, 83	U. S. Standard Gauge Iron and Steel.....	65
Stack Elbows.....	85		
Stack Pipe, Tin.....	82	V	
Stakes, Tinners.....	144, 145	Valley's Tin, Galvd. Iron and Copper.....	33
Standards, Machine.....	136, 137	Valves and Plungers, Boat Pumps.....	28
Standing Seam, Tin Roofing Table.....	58, 59	Valves, Gas Cut Off.....	98
Steel Cornice Breaks.....	147	V-Crimped Roofing.....	48
Steel Letters.....	111	V-Crimped, Weight Table.....	51
Steel Rule, Tinners'.....	159	Venetian Red Paint.....	90
Steel Squares.....	159	Ventilators, Roof.....	73, 74, 75
Stove Boards.....	108	Ventilators, Adjustable Floor and Ceiling.....	124
Stove Bolts.....	102	Ventilators, Adjustable Side Wall.....	123
Stove Lining.....	109	Vises, Bench.....	125
Stove Pipe Breaks.....	132		
Stove Pipe Collars.....	109	W	
Stove Pipe Formers.....	133, 134	Warm Air Heaters.....	86, 87
Stove Pipe Sizes, Table.....	47	Warm Air Furnace Fittings.....	82 to 85
Stove Polish.....	109	Warm Air Registers.....	112 to 124
Strap Hangers.....	20	Washers, Lead.....	51
Straps, Ornamental Conductor.....	41	Weather Board Siding.....	49
Straps, Pipe.....	110	Weights, Black and Galvd. Sheets.....	43 to 47
		Whistles, Speaking Tube.....	108
T		Wing Dividers.....	159
Tarred Felt.....	92	Wire.....	106
Tea Pot Knobs, Black Enameled Wood.....	27	Wire Conductor Hooks.....	17
Tee Joints, Galvanized.....	85	Wire Spout Guards.....	23
Tee Reamer and Socket Wrench.....	155	Wire Straightening and Cutting.....	1
Terms and Policy.....	2, 3	Wiring Machine.....	137
Terne Plates.....	62, 63	Wrenches, Socket.....	155
Thimbles, Maguire.....	109	Wrought Shanks and Circles.....	6 to 16
Tin Caps, Roofing.....	93		
Tin, Cokes.....	64	Z	
Tin, Charcoal.....	64	Zinc, Apollo Nickel.....	54
Tin Fire Door.....	62	Zinc Balls, in Halves.....	106
Tin Flashing.....	61	Zinc Pipe and Gutter.....	32
Tin, Perforated.....	56	Zinc Roses.....	111
Tin Roof Construction.....	58, 59	Zinc Screw Caps.....	111
Tin Roofing, Boxes.....	62, 63	Zinc Sheets.....	56
		Zinc Sheet Gauge, Table.....	57, 103



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